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# CATALOGUE



GOLDEN CROSS BANTAM

HI-QUALITY  
**SEEDS**

*The* **ROCKY MOUNTAIN  
SEED COMPANY**

**MAIN  
6134**

**1321-27 15<sup>th</sup> Street  
DENVER, COLORADO**





# SPECIAL NOTICE

We wish to thank all our friends and customers for the splendid cooperation we had from you in the past and we assure you of our endeavor to serve you as promptly with Quality Seeds and supplies as is possible under present critical conditions. Many varieties of Vegetable Seeds are in short supply; however, satisfactory substitutes can be supplied in most cases. Prices in our catalog are necessarily subject to market changes and supplies on hand. Please advise if we may substitute.

In field seeds, Alfalfa Seed is very scarce and supply limited. No prices are quoted in the catalog. If you are in the market for Alfalfa Seed, Grass Seed and Field Seeds, ask for our current Quantity Price List.

Sincerely yours,

THE ROCKY MOUNTAIN SEED CO.

## How to Order and Remit—Read Carefully

Use the order sheet enclosed in catalog if possible. Write your name, postoffice shipping point or nearest express office, your county and state.

**Prepaid Orders**—We prepay postage on all vegetable and flower seeds, in packets, ounces, quarter pounds and pounds at prices quoted herein, to any point within the fourth postal zone from Denver. We do not prepay postage on Beans, Peas, Corn, Field Seeds, Onion Sets, Potatoes, Bulbs, Fertilizers, Poultry Supplies and Poultry Feeds, unless quoted prepaid. If wanted by parcel post, add postage at zone rate.

**Remittances** should be made by POSTAL MONEY ORDER, EXPRESS MONEY ORDER, CERTIFIED CHECK, REGISTERED LETTER, or if so desired we will ship goods C.O.D. to you. Parties buying large quantities of any one variety will be quoted special prices on application.

All prices are NET, and while we do not think there will be any serious change, are made subject to market changes and prior sales.

**NOTICE:** Colorado customers please add sales tax of 2 per cent.

## Parcel Post Rules and Weights From Denver

		First Pound or Fraction	Each Additional Pound or Fraction
FIRST ZONE	—Within 50 miles of Denver.....	9c	2c
SECOND ZONE	—Within 50-150 miles of Denver.....	9c	2c
THIRD ZONE	—Within 150-300 miles of Denver.....	10c	2c
FOURTH ZONE	—Within 300-600 miles of Denver.....	11c	3c
FIFTH ZONE	—Within 600-1,000 miles of Denver.....	12c	5c
SIXTH ZONE	—Within 1,000-1,400 miles of Denver.....	13c	7c
SEVENTH ZONE	—Within 1,400-1,800 miles of Denver.....	15c	9c

**Weight Limit**—The weight limit is 70 pounds for all zones, and the limit of size is 100 inches in length and girth combined, for all zones.

**Insured**—Packages may be insured against loss, rifling and irreparable damage upon payment of a fee of 3 cents for value not exceeding \$5.00, or 10c for value not exceeding \$25.00, or for 15c for value not exceeding \$50.00, 25c for value not exceeding \$200.00, for each package in addition to postage.

C.O.D. fee of 15c cents for collections not to exceed \$2.50, 20 cents for collections not to exceed \$5.00, 30 cents for collections not to exceed \$25.00, 40 cents for collections not to exceed \$50.00.

Shipment of 20 pounds or over is cheaper if sent by express beyond fourth zone.

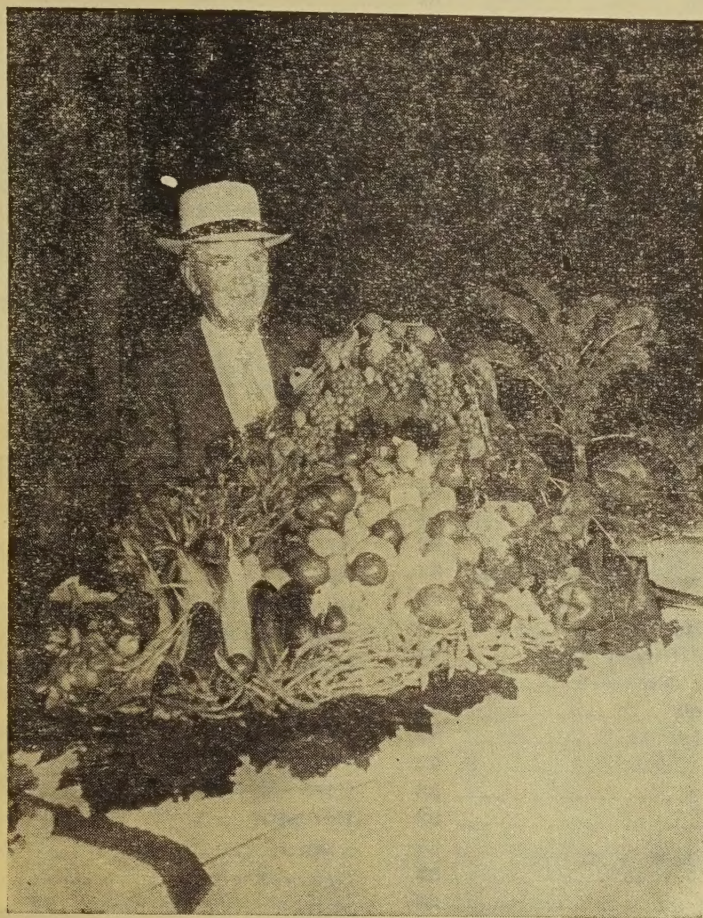
## We Do Not Warrant Seeds

The fact that no reputable seedsman now warrants seed in any respect being well known, renders it unnecessary for us to say very much on this point, as it must be apparent to every intelligent person that no seedsman can afford to send out poor, worthless seeds. There could be no more certain way of destroying his business.

The seeds offered in this catalog have been carefully grown, selected, cleaned and tested for germination, and we believe them to be first class in every respect, but we cannot guarantee the crop, as too many conditions enter into it: therefore,

**We give no warranty, express or implied, as to the productiveness of any seeds or bulbs we sell, and we will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.**





With the Government requesting more and larger Victory or War Gardens, it is evident that everyone that has available space should plant as many vegetables for home use as possible. A larger production can be accomplished by making several plantings of the quick maturing varieties and by making several plantings of other varieties at intervals of about ten days, and a supply of fresh vegetables is assured over a much longer period. Proper cultivation and irrigation assures bumper crops. Applications of fertilizer and protecting the plants from insects are very essential for maximum food production.

The above photo shows Mr. Martin R. Keul, 3618 E. Second Ave., Denver, Colorado, with a prize-winning display of vegetables entered by the Men's Garden Club of Denver at the Victory or War Garden exhibit at the Auditorium Annex, August 31st and September 1st. Most of the exhibit, which includes Concord Grapes, Pascal Celery, Pickling Onions and large nearly perfect Early Ohio Potatoes, was grown by Mr. Keul. Mr. Keul is an enthusiastic Victory Gardener and believes in producing the best to assist in the present war effort.





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# Vegetable Seeds for Critical Planters

## Asparagus

**CULTURE**—One ounce for 300 roots. Asparagus seed is sown in the spring. The earlier the better after frost is out of the ground and the soil is in good workable condition, not sticky. Scatter the seed an inch apart in drills 2 to 3 feet apart and cover with about  $\frac{3}{4}$ -inch of soil. Keep cultivated, well watered and free from weeds.

**PARADISE**—Early maturing variety. Produces normal crop one year earlier than other varieties and produces heavier throughout its life. Large, crisp, tender stalks with exceptionally fine, mild flavor. Only six or eight stalks required to the pound. This variety is every bit as rust resistant as the Mary Washington.

Postpaid (Pkt. 10c) (Oz. 50c) ( $\frac{1}{4}$  lb. \$1.50) (lb. \$4.50).

## Asparagus—(Continued)

**MARY WASHINGTON**—The best rust-resistant variety, heavily productive, producing large deep green shoots of the highest quality.

Postpaid (Pkt. 10c) (Oz. 20c) ( $\frac{1}{4}$  lb. 75c) (lb. \$2.50).

## Artichoke

The artichoke is grown for its edible blossoms. It is a perennial but requires renewing every two or three years. The Jerusalem Artichoke so called is grown for its tuberous root.

**LARGE GREEN GLOBE**—The standard variety for home and market gardens. A perennial, but not hardy in the north. Flower heads large, globular, deep green, with fleshy bases on the bud scales.

Postpaid (Pkt. 15c) (Oz. 50c) ( $\frac{1}{4}$  lb. \$1.50).

## Garden Beans

**CULTURE**—Beans can be planted with safety any time from May 15th to August 1st. They do better in a light sandy loam soil, but will thrive well in any good garden soil. Sow in rows  $2\frac{1}{2}$  to 3 feet apart; 1 lb. will sow a row 100 feet long; 60 to 90 lbs. will plant an acre. For a continuous supply plant every 10 days until August. Never cultivate or handle beans when the vines are wet.

Maturity periods listed means in the wax and green pod varieties the number of days required to produce snap beans. In Lima Beans the time required to produce green shell beans and in the Field class, the number of days required to produce dry shell beans fully matured.

## Green Podded Bush Beans



**Keystonian**

**BOUNTIFUL OR EARLY SIX WEEKS**—51 days. Very prolific producer of flat and absolutely stringless pods of exceedingly fine quality. Pods are from  $6\frac{1}{2}$  to 7 inches long.

Postpaid (Pkt. 5c) ( $\frac{1}{4}$  lb. 15c) (lb. 40c) (2 lbs. 75c) (5 lbs. \$1.75).

Not Postpaid (10 lbs. \$3.00) (25 lbs. \$7.00).

**BROAD WINDSOR (Fava or Horse Bean)**—75 days. An Italian variety used as a shell bean. Pods flat, straight, inedible, stringy, bright medium green with roughened surface.

Postpaid (Pkt. 5c) ( $\frac{1}{4}$  lb. 15c) (lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).

Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

**BURPEE'S STRINGLESS**—54 days. A round podded bean, very fleshy, stringless, without fibre and of excellent quality, about 6 inches long.

Postpaid (Pkt. 5c) ( $\frac{1}{4}$  lb. 15c) (lb. 40c) (2 lbs. 75c) (5 lbs. \$1.75).

Not Postpaid (10 lbs. \$3.00) (25 lbs. \$7.00).

**FRENCH HORTICULTURAL**—68 days. A superior shell bean with 7 to 8 inch pods, stringy, heavily splashed with red. Though a bush bean, it is inclined to have short runners.

Postpaid (Pkt. 5c) ( $\frac{1}{4}$  lb. 15c) (lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).

Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

**FULL MEASURE**—60 days. A fine stringless medium green, round podded variety with very fleshy straight pods 6 to  $6\frac{1}{2}$  inches long.

Postpaid (Pkt. 5c) ( $\frac{1}{4}$  lb. 15c) (lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).

Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

**GIANT STRINGLESS**—56 days. Pods  $6\frac{1}{2}$  inches long, fleshy and stringless.

Postpaid (Pkt. 5c) ( $\frac{1}{4}$  lb. 15c) (lb. 40c) (2 lbs. 95c) (5 lbs. \$1.75).

Not Postpaid (10 lbs. \$3.00) (25 lbs. \$7.00).

**KEYSTONIAN**—52 days. The new all-purpose Stringless Green Pod Dwarf Bean which was awarded the All-American Selection for 1944. Vine 18 inches tall, sturdy plant, pods 6 to  $6\frac{1}{2}$  inches long, round stringless, fiberless, fine grained, straight and of rich dark green color.

Postpaid (Pkt. 5c) ( $\frac{1}{4}$  lbs. 20c) (lb. 50c) (2 lbs. 95c) (5 lbs. \$2.25).

Not Postpaid (10 lbs. \$4.00) (25 lbs. \$8.75).



## Green Podded Bush Beans—(Continued)

**LANDRETH'S STRINGLESS**—54 days. Pods 6 to 7 inches long, straight, round, dark green stringless pods.  
**Postpaid (Pkt. 5c)** (¼ lb. 15c) (lb. 40c) (2 lbs. 75c) (5 lbs. \$1.75).  
**Not Postpaid (10 lbs. \$3.00) (25 lbs. \$7.00).**

**NEW STRINGLESS GREEN POD (Tendergreen)**—53 days. Pods average 6 inches in length, are attractive in appearance, nearly straight, round fleshy, dark green, stringless and of excellent quality.  
**Postpaid (Pkt. 5c)** (¼ lb. 15c) (lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).  
**Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).**

**PLENTIFUL—(Black Seeded Bountiful)**—53 days. Plants strong and productive, pods flat, straight, medium green, 7½ inches long, stringless.  
**Postpaid (Pkt. 5c)** (¼ lb. 15c) (lb. 40c) (2 lbs. 75c) (5 lbs. \$1.75).  
**Not Postpaid (10 lbs. \$3.00) (25 lbs. \$7.00).**

**ROGER'S STRINGLESS BLACK VALENTINE**—Round Pod—55 days. Pods are 6 inches long, round, dark green and fairly straight, stringless and of excellent quality.  
**Postpaid (Pkt. 5c)** (¼ lb. 15c) (lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).  
**Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).**

**RUBY DWARF HORTICULTURAL**—53 days. Used for snap or green shell beans. The pods are 5 inches long, green at first but changing to greenish yellow splashed with red, semi-round.  
**Postpaid (Pkt. 5c)** (¼ lb. 15c) (lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).  
**Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).**

**STREAMLINER (New)**—50 days. Pods are 7 to 8 inches long, flat, tender and stringless. White Seeded.  
**Postpaid (Pkt. 5c)** (¼ lb. 15c) (lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).  
**Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).**

## Yellow Podded Bush Beans

**IMPROVED GOLDEN WAX**—51 days. Pods 4½ to 5 inches long, flat and stringless.  
**Postpaid (Pkt. 5c)** (¼ lb. 15c) (lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).  
**Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).**

**PENCIL POD BLACK WAX**—55 days. Pods round thick, stringless, 6 to 7 inches long of excellent quality.  
**Postpaid (Pkt. 5c)** (¼ lb. 15c) (lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).  
**Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).**

**ROUND POD KIDNEY WAX**—58 days. Plants of medium size, prolific. Pods 6 to 6½ inches long, round, fleshy, brittle, stringless and of fine quality.  
**Postpaid (Pkt. 5c)** (¼ lb. 15c) (lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).  
**Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).**

## Bush Lima Beans

**BABY POTATO LIMA**—72 days. The seeds are small but thick, of bright green color when fresh, and similar in flavor to Fordhook. Adapted not only for produce markets, but also for canning and quick freezing.  
**Postpaid (Pkt. 5c)** (¼ lb. 20c) (lb. 50c) (2 lbs. 95c) (5 lbs. \$2.25).  
**Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).**

**BURPEE'S IMPROVED**—75 days. Thick seeded or "potato type." Pods 6 inches long and 1¼ inches wide. Usually contains four large thick, flat green beans, fine grained and tasty.  
**Postpaid (Pkt. 5c)** (¼ lb. 20c) (lb. 50c) (2 lbs. 95c) (5 lbs. \$2.25).  
**Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).**

**FORDHOOK**—75 days. Plants strong, erect, bearing pods in clusters of 4 to 8. Pods measure 4 to 5½ inches long and contain three to five large thick green beans.  
**Postpaid (Pkt. 5c)** (¼ lb. 20c) (lb. 50c) (2 lbs. 95c) (5 lbs. \$2.25).  
**Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).**

## Bush Lima Beans—(Continued)

**HENDERSON'S (Baby Lima)**—65 days. Plant medium large, very productive. Small pods 3 inches long contain 3 to 4 green shell beans of very fine quality. Plants bear continuously.  
**Postpaid (Pkt. 5c)** (¼ lb. 15c) (lb. 40c) (2 lbs. 75c) (5 lbs. \$1.75).  
**Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.00).**

**JACKSON WONDER BUSH**—66 days. Pods medium size, holding 4 or 5 moderately thick, fairly large beans of good quality. Dry seed mottled and speckled with brownish-red markings.  
**Postpaid (Pkt. 5c)** (¼ lb. 20c) (lb. 50c) (2 lbs. 95c) (5 lbs. \$2.25).  
**Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).**

## Pole Beans

**BLUE LAKE**—68 days. Vine dull green, climber, white flowers. Pods 6 inches long, curved round, stringless when young.  
**Postpaid (Pkt. 5c)** (¼ lb. 20c) (lb. 50c) (2 lbs. 95c) (5 lbs. \$2.25).  
**Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).**

**KENTUCKY WONDER OR OLD HOMESTEAD**—65 days. Pods medium green, borne in clusters, are round, 7½ to 8½ inches long, curved. Have delicious flavor and cook tender at all times.  
**Postpaid (Pkt. 5c)** (¼ lb. 15c) (lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).  
**Not Postpaid (10 lbs. \$3.00) (25 lbs. \$6.25).**

**KENTUCKY WONDER WAX**—68 days. Considered the best wax podded pole bean. Has beautiful flat, nearly stringless, waxy, yellow pods.  
**Postpaid (Pkt. 5c)** (¼ lb. 15c) (lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).  
**Not Postpaid (10 lbs. \$3.25) (25 lbs. \$7.00).**

**KING OF THE GARDEN (Lima)**—88 days. Most popular pole lima. The pods are from 5 to 6 inches long and contain 4 or 5 large flat beans of good quality.  
**Postpaid (Pkt. 5c)** (¼ lb. 15c) (lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).

**OREGON GIANT**—71 days. A desirable snap bean. Plants sturdy and prolific. Pods long stringless when young, splashed purplish blue.  
**Postpaid (Pkt. 5c)** (¼ lb. 20c) (lb. 50c) (2 lbs. 95c) (5 lbs. \$2.25).

**SCARLET RUNNER**—90 days. Brilliant scarlet flowers used for ornamental purposes as well as for snap and green shell beans.  
**Postpaid (Pkt. 5c)** (¼ lb. 20c) (lb. 50c) (2 lbs. 95c) (5 lbs. \$2.25).

## Edible Soybeans

In recent years many varieties of edible soybeans have been imported from the Orient by the U. S. Department of Agriculture, and detailed studies on their adaptation to North American growing conditions have been made. As a result we offer the following varieties. They are very prolific, highly resistant to disease and insect pests, of attractive appearance and eating qualities when cooked and served similar to Lima Beans.

The number of days refers to picking for use as green shelled beans; full maturity for dry shelled beans is 30 days later. At green eating stage all have dark green beans, more or less oval in shape, though varying in size. Steep pods of Soybeans in boiling water for a few minutes and they will shell out readily.

**BANSEI**—96 days. A fine home garden variety for green shelling. Very productive, pods yellow with black tinge. Plant erect and medium height. Pods not as susceptible to shattering when ripe.

**GIANT GREEN**—91 days. A home garden sort and desirable in localities with short growing season. Recommended for use in green shell stage. Shatters badly upon ripening. Plant short and erect.

**SAC**—85 days. One of the earliest varieties of edible soybeans. Similar to Giant Green, in seed characteristics; however, grows a trifle taller and seed pods are not subject to shattering when ripe.  
**Postpaid (Pkt. 5c)** (¼ lb. 15c) (lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).  
**Not Postpaid (10 lbs. \$3.00) (25 lbs. \$6.25).**



## Table Beets

**CULTURE**—Sow 2 ounces to 100 feet of drill; 5 to 6 pounds per acre.

**DETROIT DARK RED**—Our standard stock of this fine beet is of excellent quality but not quite as uniform as our special strain.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.75).

**DETROIT DARK RED (Special)**—The outstanding variety for gardeners and canners. Top medium green, tinged with red. Roots globular, smooth, uniform, attractive with small tap root. Color deep oxblood red. Flesh dark red with faintly defined rings which disappear entirely when beet is cooked.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. \$1.00) (lb. \$3.25).

**PERFECTED DETROIT (Special)**—A mid-season variety. Tops tall, green and red. Roots globular, medium, flesh purplish red, sweet and tender. Specially bred for earliness and dark color. Ready for market in 50 to 60 days from time of planting.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. \$1.00) (lb. \$3.25).

**GOOD FOR ALL**—An excellent new variety developed from Detroit Dark Red. Especially fine for canning and pickling whole at 1¼ to 1½ inches in diameter. Roots smooth, even in size and shape; collar and tap roots very small; interior deep crimson free from white zones.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.75).

**CROSBY'S EGYPTIAN**—An early variety for home and market garden use. Roots flattened, globular in shape, with small tap root; dark red. Top medium, flesh purplish red, sweet and tender. Specially bred for earliness and dark color.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.75).

**GREEN TOP BUNCHING**—60 days. Early, extremely attractive bunching beet. Tops medium sized and erect. Foliage clean, grayish green that does not turn red or brown in the fall. Roots round, smooth and glossy, flesh bright blood-red.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lbs. \$1.00) (lb. \$3.25).

**ASGROW WONDER**—Distinctive green tops, erect, uniform in size and color, bunching very attractive for market. Roots round when young, semi-globular later, deep red, smooth with small neck and tap root.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.75).

**EARLY WONDER (Regular Strain)**—Valuable to truckers and shippers as a first early variety; also used for fall planting. Tops medium small, erect, leaves purple mixed with green. Roots semi-globular, flesh blood red with zones of lighter shades; tender and of good quality.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.75).

**EARLY WONDER (Tall Top)**—Same as above except leaves are much taller, excellent for bunching and beet greens.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. \$1.00) (lb. \$3.25).

**EARLY WONDER GREEN TOP**—Roots same as regular strain, tops all green, tall and erect, used for bunching and beet greens.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. \$1.00) (lb. \$3.25).

**BOSTON CROSBY**—A first early variety, excellent for home and market garden trade. Medium tops, dark green, erect. Roots flattened globe, very uniform in size and color with no side roots, small tap root, dark blood red.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.75).



Beet, Detroit Dark Red

**EXTRA EARLY FLAT EGYPTIAN**—Very early, used by truckers for forcing to reach the earliest market. Tops small and erect. Roots flattish, medium dark red. Flesh bright blood red with light zones.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.75).

**IMPROVED EARLY BLOOD TURNIP**—A medium early variety for home and market garden use. Tops medium but somewhat coarse. Roots top-shaped; dark red. Flesh bright red with zones of lighter shade.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.50).

## Swiss Chard

**CULTURE**—Swiss Chard is a beet grown for its leaves. The midrib when boiled makes delicious greens, or the leaves may be boiled and served as spinach. Sown in the spring, the leaves are soon ready to eat and will continue to grow all through the summer and fall.

**DARK GREEN**—Leaves broad, upright in growth, very dark green savoyed with broad white midrib. This variety on account of its giant size and pleasing deep green color, will probably supersede other sorts.

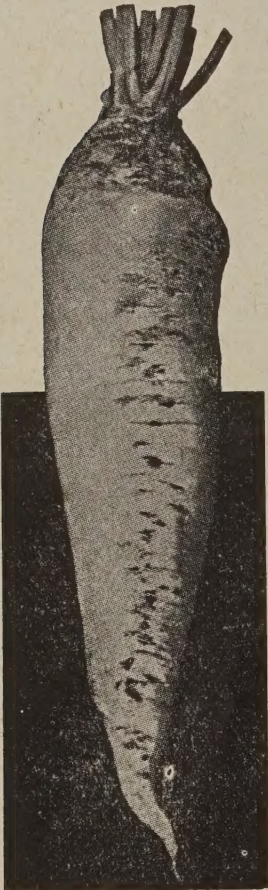
**FORDHOOK GIANT**—Tall and sturdy; leaves broad, heavily crumpled, dark green; stems broad, thick white.

**LUCULLUS**—A new variety with curled leaves like a Savoy Cabbage. The plant grows nearly two feet high and the stem and leaves are very large and of fine quality.

Above Varieties: Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.00).



## Mangels and Sugar Beets



Giant Half Sugar

**CULTURE**—Sow 8 to 10 lbs. per acre. Sow in rows  $2\frac{1}{2}$  to 3 feet apart as soon as ground can be thoroughly worked. Cover seed about one inch, making ground firm over the seed. When 4 inches high, thin to 8 inches apart in the row. Mangels are a valuable feed for poultry and cattle. Thirty tons per acre is not an uncommon yield. For winter use store in pits the same as other root vegetables.

**DANISH SLUDSTRUP**—A good cropper and of high feeding value. Roots long, oval, reddish yellow. Grows half above ground, easily harvested. Flesh white, tinged with yellow.

**GIANT HALF SUGAR ROSE TOP**—A heavy yielding, valuable variety for feeding. Roots long, oval; skin white, with rose-colored shoulder; flesh white with good sugar content.

**GOLDEN TANKARD**—Roots large, nearly cylindrical, partly above ground; skin deep orange, flesh yellow with white zones. Very productive.

**MAMMOTH LONG RED**—The most popular and the best cropper of all the mangels. Roots extremely large, slightly tapering; grow half above the ground; color light red, flesh white with rose tinge.

**KLEIN WANZLEBEN (Sugar Beet)**—The variety most used for making sugar. Roots long with thick shoulder, tapered; skin grey-white; flesh solid white.

Prices on all above varieties: Postpaid (Oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50) (5 lbs. \$6.25).

## Broccoli

**CULTURE**—Belongs to the same family as the cauliflower. More hardy and therefore better adapted to a wider range of conditions. Sow the seed in the same manner as for late cabbage, in May, and transplant in June or July, in very rich soil.

**EARLY PROPAGENO**—Earlier than the Italian Green Sprouting, produces larger heads and yields heavily. Color dark bluish green.  
(Pkt. 10c) (Oz. 60c) ( $\frac{1}{4}$  lb. \$1.75) (lb. \$6.00).

**ITALIAN GREEN SPROUTING**—A new and distinct variety of the sprouting type. It forms a large head consisting of a cluster of bluish green flower-heads. When this central head is removed the plant develops numerous lateral sprouts, each of which produces a small head. These are cut, leaving about 6 inches of the stem, and are tied in bunches for market. Both stems and heads are cooked and served like cauliflower.

**EARLY STRAIN**—75 days.

**MEDIUM STRAIN**—85 days.

**LATE STRAIN**—95 days.

Postpaid (Pkt. 10c) (Oz. 60c) ( $\frac{1}{4}$  lb. \$1.75) (lb. \$6.00).

## Brussels Sprouts

**CULTURE**—Used in the fall and early winter. Plant resembles the cabbage, the edible part being the numerous very small heads or sprouts an inch or two in diameter formed on the stalk at each leaf joint. The culture is the same as for cabbage, except the leaves should be broken down in the fall to give the little heads more room to grow.

**LONG ISLAND IMPROVED (Special Stock)**—Plant dwarf and compact, 20 inches tall; very uniform; stem well covered with firm round cabbage-like heads of  $1\frac{1}{4}$  to  $1\frac{1}{2}$  inches in diameter, which mature in succession.

Postpaid (Pkt. 15c) (Oz. \$1.00) ( $\frac{1}{4}$  lb. \$3.50) (lb. \$10.00).

## Cabbage

**CULTURE**—One ounce of seed will produce from 2,000 to 3,000 plants. It requires from 4 to 6 ounces of seed to produce plants for an acre of ground. For early cabbage in the Northern States the seed should be sown in hot-beds in February or March, or about six weeks before the ground outside is ready to receive the plants.

Seeds of the late varieties may be sown in cold frames or in the open ground in April or May and transplanted in the fields in June and July. Seed of early varieties for late crop may be sown as late as June 10th and mature a good crop. Cabbage requires a well-fertilized soil to grow a successful crop; 12,000 plants will set an acre. Where the soil is infected with Cabbage "yellows", Yellow Resistant varieties should be planted.

## Early Varieties

**GOLDEN ACRE**—65 days. An extra early selection of the Copenhagen type, and the earliest of the round headed cabbages, maturing with Jersey Wakefield. Plants small, dwarf and compact, with few outer leaves; heads of medium size, round as a ball, hard, solid and very uniform. The best early shipping variety on account of its hard medium sized heads.

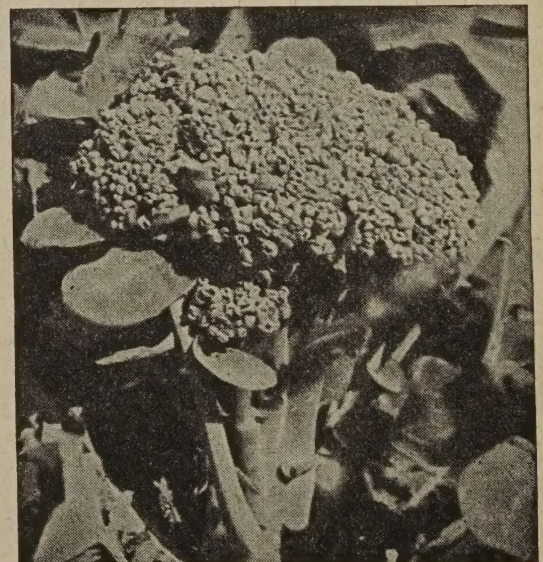
Postpaid (Pkt. 10c) (Oz. 55c) ( $\frac{1}{4}$  lb. \$2.00) (lb. \$6.50).

**GREEN ACRE**—66 days. An attractive strain of Golden Acre. The type and general characteristics are the same, but Green Acre holds its green color longer and is thus of added value to market gardeners and shippers.

Postpaid (Pkt. 10c) (Oz. 55c) ( $\frac{1}{4}$  lb. \$2.00) (lb. \$6.50).

**EUROPEAN MARKET**—65 days. This variety resembles the Copenhagen Market in shape, but is smaller in size, more solid and fully ten days earlier. The plant is dwarf and compact, producing medium sized heads, fine for market or home use.

Postpaid (Pkt. 10c) (Oz. 55c) ( $\frac{1}{4}$  lb. \$2.00) (lb. \$6.50).



Broccoli Italian Green Sprouting



**Cabbage—(Continued)****Oakview Ballhead****Early Varieties—(Continued)**

**EARLY WINNINGSTADT**—80 days. Medium early, short stemmed, heads solid fine grained, cone-shaped and pointed. Very productive and excellent quality.  
**Sold Out.**

**GLORY OF ENKHUIZEN**—80 days. A second early sure-heading variety of excellent quality. Heads large, round, solid, with few outer leaves. Used largely for kraut, also by truckers and shippers.  
**Postpaid (Pkt. 10c) (Oz. 40c) (¼ lb. \$1.50) (lb. \$5.50).**

**EARLY JERSEY WAKEFIELD**—65 days. Pointed head, medium early, very compact.  
**Postpaid Pkt. 10c) (Oz. 35c) (¼ lb. \$1.25) (lb. \$4.00).**

**COPENHAGEN MARKET**—75 days. A very early round head cabbage. Plants compact with short stems and hard round heads. Used largely as an early shipper and for early kraut. Fine quality.  
**Postpaid (Pkt. 10c) (Oz. 55c) (¼ lb. \$2.00) (lb. \$6.50).**

**EARLY FLAT DUTCH**—80 days. Second early variety with large flat heads  
**Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.25) (lb. \$4.00).**

**ALL HEAD EARLY**—80 days. A large flat but deep short stemmed, solid headed variety. Few outside leaves and plants may be set closer than with other large cabbages. A good winter keeper and valuable for kraut. Heads weigh 6 to 7 lbs.  
**Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.25) (lb. \$4.00).**

**Midseason and Late Varieties**

**PREMIUM LATE FLAT DUTCH**—95 days. A justly popular and esteemed variety extensively cultivated for market and family use. Heads large, round, flattened and very firm; has a medium stem and is very hardy, fine for kraut purposes.  
**Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.25) (lb. \$4.00).**

**OAKVIEW BALLHEAD**—100 days. A large sized, short stemmed, round head, firm and solid; heads weigh 7 to 8 pounds. Color gray-green, with creamy white center, of crisp texture and good quality. Desirable for winter storage and for kraut.  
**Postpaid (Pkt. 10c) (Oz. 55c) (¼ lb. \$2.00) (lb. \$6.50).**

**DANISH BALLHEAD SHORT-STEM**—105 days. One of the best winter sorts and one of the most hardy: heads round, deep or balloon shaped and very solid. Good for storage and shipping.  
**Postpaid (Pkt. 10c) (Oz. 40c) (¼ lb. \$1.50) (lb. \$5.50).**

**Midseason and Late Varieties—(Continued)**

**DANISH ROUND HEAD OR SHORT STEM HOLLANDER**—105 days. The most popular variety for fall and winter use. Desirable for shipping, storage and kraut. Plants medium with short stem. Heads solid, deep round and attractive.  
**Postpaid (Pkt. 10c) (Oz. 40c) (¼ lb. \$1.50) (lb. \$5.50).**

**PENN STATE BALLHEAD (Originator's Strain)**—105 days. Developed by the Penn Agricultural College. An extra heavy-yielding strain of Ballhead, with slightly flattened heads, and resistant to insect attacks.  
**Postpaid (Pkt. 10c) (Oz. 55c) (¼ lb. \$2.00) (lb. \$6.50).**

**SHORT STEM HOLLANDER (Special)**—120 days. The best late variety. Heads become firm while still rather small, reach good marketable size in 90 to 100 days. Plants medium small, allowing closer planting. Heads remarkably firm and solid and of splendid keeping quality.  
**Postpaid (Pkt. 10c) (Oz. 55c) (¼ lb. \$2.00) (lb. \$6.50).**

**Miscellaneous Varieties**

**PERFECTION DRUMHEAD SAVOY**—90 days. The best of the Savoy type for general use; an excellent keeper. Heads nearly round, full and hard; leaves large, coarsely crimped, dark bluish green, of good quality.  
**Postpaid (Pkt. 10c) (Oz. 40c) (¼ lb. \$1.50) (lb. \$5.45).**

**RED ACRE**—90 days. Heads round and compact, color deep purplish red. Good for storage; earlier than Red Rock. (Pkt. 10c) (Oz. 60c) (¼ lb. \$2.15) (lb. \$7.45).

**MAMMOTH RED ROCK**—110 days. The largest and best red cabbage. Heads round, extremely hard; color purplish red; excellent keeper.  
**Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.95) (lb. \$6.45).**

**Chinese or Celery Cabbage**

**CULTURE**—Seeds sown out of doors late in July produce firm heads in October. The heads keep well in storage for at least two months.

**CHIHILI**—Early and sure heading. Heads become 18 to 20 inches tall, 3½ to 4 inches thick, tapering near tip, very firm, well blanched, crisp, tender and very sweet.  
**Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.25) (lb. \$4.00).**

**WONG BOK**—Heads 8 to 10 inches tall, broad, firm. Well blanched, tender and excellent quality.  
**Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.25) (lb. \$4.00).**

**Chihili**



## Carrots



Golden Acre

### Yellows Resistant Varieties

**GOLDEN ACRE (Yellows Resistant)**—60 days. Valuable new addition to the list of early round head varieties. Produces heads ready for market ten days earlier than Marion Market.

Sold Out.

**RACINE MARKET (Yellows Resistant)**—60 days. Selected from Copenhagen Market; same head type except that leaf is gray-green. Heads round, solid, of superior quality and 98 to 100 per cent resistant.

Crop Failed.

**MARION MARKET (Yellows Resistant)**—70 days. Selected from Copenhagen Market, but is later and has more blue-green foliage; heads larger, round and very compact; 95 to 100 per cent resistant.

Postpaid (Pkt. 10c) (Oz. 55c) (¼ lb. \$2.00) (lb. \$6.50).

**IMPROVED GLOBE (Yellows Resistant)**—75 days. Selected from Glory of Enkhuizen. A fine mid-season, round-head type, a few days later than Marion Market. Heads globe shaped, very compact, with small core. Heavy yielder, 95 to 100 per cent resistant.

Postpaid (Pkt. 10c) (Oz. 55c) (¼ lb. \$2.00) (lb. \$6.50).

**WISCONSIN BALLHEAD (Yellows Resistant)**—85 days. Selected from Danish Ballhead, identical in type and season. Round, solid, compact heads; short stem; blue foliage. Suitable for early fall shipping and when planted to mature late, suitable for storage. Heads smaller and more uniform than Wisconsin Hollander; will produce equal tonnage if planted closer. Very uniform in type and maturity. 97 to 100 per cent resistant.

Postpaid (Pkt. 10c) (Oz. 55c) (¼ lb. \$2.00) (lb. \$6.50).

**WISCONSIN HOLLANDER No. 8 (Yellows Resistant)**—90 to 100 days. Selected from Danish Ballhead. Not as uniform as the Wisconsin Ballhead. Heads round, becoming slightly flattened across the top; color blue-green. A heavy yielder and ideal for storage and shipping. Highly resistant to the yellows.

Postpaid (Pkt. 10c) (Oz. 55c) (¼ lb. \$2.00) (lb. \$6.50).

**RED HOLLANDER (Yellows Resistant)**—100 days. A round-head, late red cabbage; very uniform; foliage purple-red, with heads becoming a deeper color with maturity. Heads solid and compact. Ideal late fall shipper and good for storage. Highly resistant to the yellows.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$2.15) (lb. \$7.45).

**CULTURE**—One ounce for 100 feet of drill, 4 pounds for an acre. The carrot, like other root crops, delights in a rich, sandy loam, well tilled. For early crops, sow in spring, as soon as the ground is in good working order, say April or May; for late crops they may be sown any time from the middle of June to July. Sow one-half inch deep in rows 12 inches apart, thinning out to 3 inches between the plants. As carrot seed is slow to germinate, extra precautions must be taken to firm the seed in the soil.

**CHANTENAY—LONG TYPE**—72 days. An excellent all purpose, medium early variety; desirable for home and market garden and for canning. A good cropper. Roots 5 to 6 inches long, deep orange, smooth, tapered, stump-rooted; flesh deep orange. Fine for bunching.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. \$1.00) (lb. \$3.50).

**CHANTENAY RED CORED**—72 days. An improved Chantenay with good interior color, valuable for market gardeners and shippers. Roots of same size and shape as standard Chantenay; flesh reddish orange with indistinct core; tender and sweet.

Pkt. 10c) (Oz. 30c) (¼ lb. \$1.00) (lb. \$3.50).

**COLORADO SHIPPER**—72 days. A new strain bred particularly for the shipping trade. Top short, dark green, strong enough for good bunching; roots long, deep orange largely blunt ended; flesh bright orange, tender and of good quality.

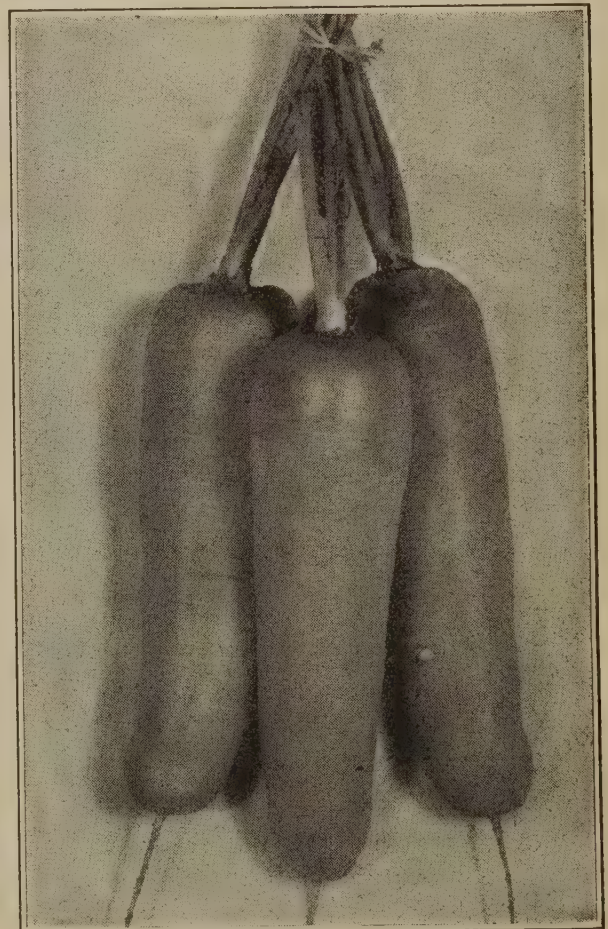
(Pkt. 10c) (Oz. 35c) (¼ lb. \$1.10) (lb. \$4.00).

**SUPERB HALF LONG**—75 days. A new home and market garden variety. Resembles a small refined Danvers with short tops. Roots 6 to 7 inches long, about 2 inches in diameter at shoulder, tapering to a half stump. Exterior smooth and of excellent color. Core small and the same dark orange as the rest of the flesh.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.10) (lb. \$4.00).

**STREAMLINER**—An ideal new bunching carrot for shippers and market gardeners. Tops short, rather sparse, dark green, and strong. Roots long, slender, nearly cylindrical; at maturity 8 to 10 inches long by 1¼ to 1½ inches at shoulder; grow completely underground. Color very deep orange, cores small and uniformly red.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.10) (lb. \$4.00).



Chantenay Long Type



## Carrots—(Continued)

**DANVERS' HALF LONG**—75 days. Very productive and popular for home and market garden; much used for shipping. Roots bright deep orange, 5 to 7 inches long, tapered to a blunt end. Flesh bright orange, crisp and tender.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. \$1.00) (lb. \$3.50).

**DANVER'S HALF LONG (Special)**—75 days. An improvement on the standard strain with roots 6 to 8 inches long. Roots tapered to a blunt end. Flesh bright orange, tender, and of good quality. Best variety for shipping.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.10) (lb. \$4.00).

**IMPERATOR**—77 days. A long carrot with rounded shoulders, tapered to semi-stump end. Roots 7 to 8½ inches long. Top strong enough for bunching, flesh deep orange with indistinct core.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.10) (lb. \$4.00).

**NANTES HALF LONG**—70 days. Popular coreless carrot, very stump-rooted and with fine dark orange color throughout. Small top.

Postpaid (Pkt. 10c) (Oz. 40c) (¼ lb. \$1.50) (lb. \$4.50).

**TOUCHON**—70 days. A fine "coreless" carrot desirable for home and market. Roots 6 to 7 inches long, deep orange, cylindrical, stump rooted, fine flavor. Tops small.

Postpaid (Pkt. 10c) (Oz. 40c) (¼ lb. \$1.50) (lb. \$4.50).

**NEW BUNCHING**—88 days. A justly popular carrot, long, smooth, tapering to a stump root when matured. Red cored and of excellent quality. Tops are strong enough for bunching.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.10) (lb. \$4.00).

**OXHEART OR GUERANDE**—72 days. Desirable for home use; prolific and a good keeper. Roots bright orange, thick, blunt ended, of heart shape. Flesh deep orange; small tops; easily harvested.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. \$1.00) (lb. \$3.50).

**STOCK CARROTS**—For Stock Feeding.

**LARGE YELLOW BELGIAN**—90 days. Roots light orange color, possessing high feeding properties; good keeper.

**MASTODON OR SHORT WHITE**—85 days. A large white carrot, grows thick but not long; heavy yielder.

The Above Varieties: Postpaid (Oz. 25c) (¼ lb. 75c) (lb. \$2.50).

## Cress

**CULTURE**—Water cress can be easily grown on the banks of any small stream or on land that can be flooded with running water. The seed should be scattered on the muddy banks in the spring or summer.

**IMPROVED BROAD-LEAVED**—Largest and best strain.

Postpaid (Pkt. 15c).

**EXTRA FINE CURLED (also called "Peppergrass")**—Leaves finely cut and curled, very handsome and has a pleasant, pungent flavor. Used largely in salads.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 90c).

## Chicory

One ounce of seed to 200 foot row.

**LARGE ROOTED OR COFFEE**—The largest rooted variety.

Postpaid (Pkt. 10c) (Oz. 50c).

**WITLOFF OR FRENCH ENDIVE**—A superior strain with wider leaves, larger tips and stalks, roots thicker at the shoulder, shorter and smoother.

Postpaid (Pkt. 10c) (Oz. 50c).



## Celery

**CULTURE**—One ounce of seed will produce 15,000 plants. Golden Self-Blanching Seed should be sown in hot-beds about March 1st, covering the seed very lightly. Keep the seed-bed moist, giving it plenty of air. Keep the tops of the plants sheared off, which will cause them to grow stockier with better roots. Keep the soil well stirred between the rows and around the plants. A good rule is to plow or work the ground every time it is watered. Great care should be used in watering, or the ground will sour and cause the celery to blight or rust. Celery requires water often, but not a great deal at a time. When about ready to harvest, it may be blanched with either boards or dirt, boards being preferable in warm weather, and dirt in cool weather.

Giant Pascal seed should be sown from the 1st to the 15th of April in hot-beds, same as the Golden Self-Blanching. Plants should be set in the field from June 10th to July 1st, in single rows, about 8 inches apart in the row, cultivating same as the Golden Self-Blanching. About October 10th or before freezing, it should be trenched and protected from freezing, when it will bleach and be ready for winter use.

**GIANT PASCAL (Special Dwarf Strain)**—Pascal celery is a very important crop with local celery growers and we have developed an excellent strain of this delicious vegetable. The plants are of dwarf stocky growth and do not develop soft stalks, nor seeders, and blanches easily to a rich creamy white. May be used as wrapped celery for early fall use or for trenching for winter use, a dozen stalks trimmed ready for market often weighing 10 to 15 pounds.

Postpaid (Pkt. 25c) (Oz. \$3.00) (¼ lb. \$9.00) (lb. \$30.00).

**GIANT PASCAL**—Forms solid crisp stalks of rich nutty flavor. It is of strong growth, blanches easily and is very brittle. A fine keeper for mid-winter use.

Postpaid (Pkt. 10c) (Oz. 75c) (¼ lb. \$2.50) (lb. \$8.00).

**SUMMER QUEEN**—120 days. A new, early green pascal of exceptional quality. The plants are not tall but vigorous and compact, stalks 18 to 20 inches, and 8 to 9 inches to first joints, thick, crisp, stringless, excellent table quality; blanches to pure white.

Postpaid (Pkt. 25c) (Oz. \$2.00) (¼ lb. \$7.00) (lb. \$25.00).



## Celery— (Continued)

**CRYSTAL WHITE JUMBO (Utah Strain)**—A green mid-season variety easy to blanch. Height 26 to 28 inches, stems 9 to 10 inches long, very heavy rounded with narrow channels, slightly tapered from base to first joint, stems numerous, forming compact plant and hastening blanching of inner stems and hearts. Crystal smoothness and appearance when thoroughly blanched.

Postpaid (Pkt. 15c) (Oz. \$1.25) (¼ lb. \$4.25) (lb. \$14.00).

**EPICURER**—115 days. One of the earliest green celeries. Tops medium light, bright green. Foliage erect, compact. Outer stems pale green, inner stems creamy white. Shows resistance to fusarium yellows.

Postpaid (Pkt. 15c) (Oz. \$1.25) (¼ lb. \$4.25) (lb. \$14.00).

**CORNELL No. 19**—100 days. An early, easy blanching strain of outstanding quality, described as a cross between the Self-Blanching and the Utah. 10½-11 inches to joint with an overall length of 24 inches. Hearts long and comparatively full. Stems thick, rounded and of smooth texture. Combines the good qualities of the pascal type and is highly resistant to fusarium yellows.

Postpaid (Pkt. 25c) (Oz. \$2.00) (¼ lb. \$7.00) (lb. \$25.00).

**MASTERPIECE**—90 days. An early self-blanching strain, grows to a height of 24 to 26 inches, stems 8 to 9 inches long, are very thick, comparatively broad, with rounded edges and almost free from strings. Very crisp and fleshy and has that rich, nutty flavor so highly prized.

Postpaid (Pkt. 15c) (Oz. \$1.25) (¼ lb. \$4.25) (lb. \$14.00).

**SUPREME GOLDEN**—90 days. Uniform strong growing early strain. Height overall varies from 22 to 27 inches, the edible stem is long, from 7 to 10 inches to the first joint, broad, fairly thick and carries the width well up to the joint. Tops dark green and very erect. Blanches readily to an attractive clear creamy white at maturity.

Postpaid (Pkt. 25c) (Oz. \$2.00) (¼ lb. \$7.00) (lb. \$25.00).

**GOLDEN DETROIT**—The standard of excellence in the self-blanching class. Medium late and particularly valuable for shipping. A very uniform selection of Dwarf Golden Self-Blanching. Plant heavy, compact, full hearted; commonly 22 inches tall.

Postpaid (Pkt. 10c) (Oz. \$1.00) (¼ lb. \$3.50) (lb. \$12.00).

**GOLDEN SELF-BLANCHING (Tall Type)**—Our seed is from the best American grower. It is early and particularly valuable for home and market garden. Plants are tall and compact with firm thick stalks which blanch readily and are of splendid quality.

Postpaid (Pkt. 10c) (Oz. \$1.00) (¼ lb. \$3.50) (lb. \$12.00).

**GOLDEN No. 14**—Similar to Golden Detroit but averages a trifle taller and has more slender rounded stems. Very popular in some sections as a shipping variety.

Postpaid (Pkt. 10c) (Oz. \$1.00) (¼ lb. \$3.50) (lb. \$12.00).

**MICHIGAN GOLDEN (Disease Resistant)**—A new strain of self-blanching celery that is highly resistant to Fusarium Yellows, also known as root rot and crown rot. It can be grown in soils where other kinds of yellow celery fail due to this disease. However, this variety is not recommended as a substitute for other kinds of yellow celery where they can be successfully grown.

Postpaid (Pkt. 15c) (Oz. \$2.00) (¼ lb. \$7.00) (lb. \$25.00).



Crystal White Jumbo

**GOLDEN PLUME NON-BOLTING**—A dwarf, compact golden strain. Tops are distinct dark green. Overall height 20 to 24 inches. Length of edible stem 6 to 8 inches. Plants are compact, upright in habit, hearts full, stems are broad and thick. Quality is good and blanches easily to a clear creamy white.

(Pkt. 25c) (Oz. \$2.00) (¼ lb. \$7.00) (lb. \$25.00).

**UTAH OR GOLDEN CRISP**—An excellent variety for fall use, maturing about a week or ten days earlier than Giant Pascal. Plants sturdy, compact and exceptionally solid. Stems are broad, but thick and well rounded, of fine quality and rich, nutty flavor.

Postpaid (Pkt. 10c) (Oz. 75c) (¼ lb. \$2.50) (lb. \$9.00).

**WHITE PLUME**—Valuable for early market. Foliage green tinted white, stalks and foliage blanch readily to snowy white.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.75) (lb. \$6.00).

**CELERIAC (Turnip-Rooted Celery)**—It is used for flavoring and is in wide demand. Culture is the same as celery. As the roots are the edible portion it requires no hilling.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$5.50).

## Celery Plants

We can supply Golden Self-Blanching and Giant Pascal Celery Plants in large quantities. If you are a celery grower and require celery plants for your planting, we shall be pleased to quote you prices. Our plants are grown for us by our best celery growers and plants will be the same as they use for their own crops, thus assuring you plants of the best quality.

### DUST FOR CELERY BLIGHT

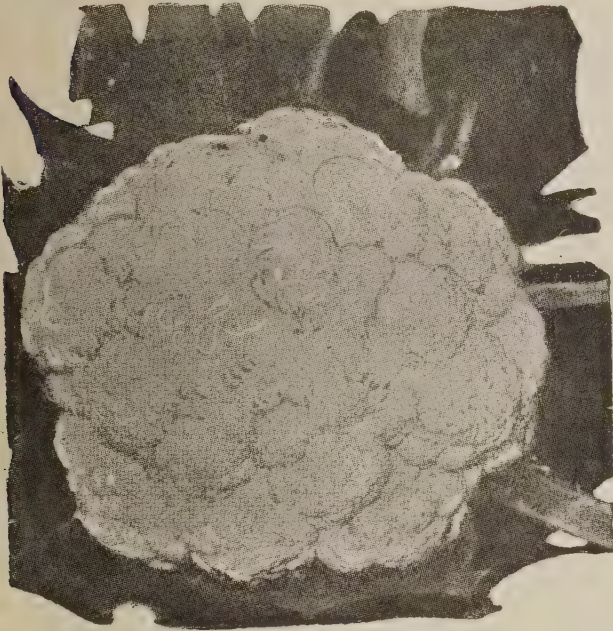
Kopper King Dust No. 10 is recommended for the control of early and late blight or rust of celery. Dust plants at first sign of blight and dust at intervals of every ten days in order to keep plants thoroughly covered. Copper has a stimulating effect on the growth of plants, resulting in increased yields and higher quality produce.

Price: 50-lb. bags \$4.00, f.o.b. Denver.



## Cauliflower

**CULTURE**—One ounce will produce 2,000 plants. Four to 6 ounces of seed are required to produce enough plants to set an acre. Cauliflower delights in a rich, moist soil and in dry seasons should be abundantly watered, especially when heading. Early cauliflower is difficult to grow and is not of the best quality as the plants mature when the weather is hot. When the plants are set out about the first of July there should be no difficulty in getting fine large heads of first class quality, as these plants will mature when the weather is cool. For early crops sow the seed in the hot beds in January or February and transplant when weather permits. For late crop sow the seed in cold frames or in the open ground in April or May. Set only young, stocky plants that have not been stunted; 10,000 plants will plant an acre. Cauliflower is a rank grower and requires more room than cabbage. Care must be taken that the plants do not become checked in growth as that will cause them to head prematurely. Cultivation for cauliflower is the same as for cabbage. When heading tie the outside leaves loosely over the head to protect it from the sun.



**SUPER-SNOWBALL**—A very excellent variety, bred for early headings and uniformity. Heads are compact, medium large, pure white in color. Plants are sturdy. Leaf growth sufficient to make tying easy. A popular variety among market gardeners and shippers.

Postpaid (Pkt. 25c) (¼ Oz. \$1.00) (Oz. \$3.00) (¼ lb. \$10.00) (lb. \$35.00).

**EARLY AMERICAN BEAUTY SNOWBALL**—This new variety is outstanding for earliness and ability to produce uniform fine large heads. It is the earliest cauliflower we have seen, producing a great proportion of the heads in one cutting. The heads are of the Snowball type, uniformly large and deep, with a beautiful white and tight curd. The plant is rugged with an abundance of long, broad leaves which protect the head until it is quite large.

Postpaid (Pkt. 25c) (¼ Oz. \$1.00) (Oz. \$3.00) (¼ lb. \$10.00) (lb. \$35.00).

**EARLY SNOWBALL HENDERSON'S**—Undoubtedly the finest and most popular early variety. Heads very early, of medium size, firm, compact, solid and very white; plant compact in growth with few short, upright leaves.

Postpaid (Pkt. 25c) (¼ Oz. \$1.00) (Oz. \$3.00) (¼ lb. \$10.00) (lb. \$35.00).

**EARLY SNOWBALL "A"**—Super Snowball Type. Short leaved type well adapted for greenhouse forcing or early market. Heads medium size, snow white, deep, smooth, compact.

Postpaid (Pkt. 25c) (¼ Oz. \$1.00) (Oz. \$3.00) (¼ lb. \$10.00) (lb. \$35.00).

**SNOWBALL "X"**—Snowdrift type. Large, solid white heads of fine quality. Recommend for use where weather conditions are unfavorable for growing earlier maturing strains.

Postpaid (Pkt. 25c) (¼ Oz. \$1.00) (Oz. \$3.00) (¼ lb. \$10.00) (lb. \$35.00).

**SNOWBALL NO. 5**—This is a very fine improved strain of the true Snowball type. The heads are large, solid, snow white and with no protruding leaves. The leaves curl over the heads so as to protect them from the sun. Recommended for second early and late crop planting.

Postpaid (Pkt. 25c) (¼ Oz. \$1.00) (Oz. \$3.00) (¼ lb. \$10.00) (lb. \$35.00).

**SNOWBALL NO. 34**—A selection in the super-snowball. Midseason. Has small frame, foliage deep green twisted and folded and self-protecting. Heads of medium size, very solid and of a perfect texture, ivory-white, long-standing and fairly heat resisting.

Postpaid (Pkt. 25c) (¼ Oz. \$1.00) (Oz. \$3.00) (¼ lb. \$10.00) (lb. \$35.00).

**SNOWBALL NO. 116**—The best all-round midseason cauliflower. Stands up well under adverse conditions, and is an ideal market grower's variety. Plant of medium height, with upstanding medium green outer leaves. Heads firm, solid and very white. Well protected by inner folding leaves; curd has fine texture and is free from small protruding leaves.

Postpaid (Pkt. 25c) (¼ Oz. \$1.00) (Oz. \$3.00) (¼ lb. \$10.00) (lb. \$35.00).

**SNOWDRIFT**—Is a somewhat more vigorous type of the Snowball class and selected to produce a larger head than Snowball without losing its earliness. This new strain matures with great evenness. The pure white heads are remarkable for their great depth, weight and unexcelled white color. The curd is of fine texture and resistant in a high measure to "riciness," and "fuzziness." We are sincere in believing that Snowdrift ranks as one of the very superior stocks of Cauliflower available anywhere.

Postpaid (Pkt. 25c) (¼ Oz. \$1.00) (Oz. \$3.00) (¼ lb. \$10.00) (lb. \$35.00).

**WHITE MOUNTAIN**—A very desirable sort for shipping. A strong growing variety of the Snowball type, produces larger and deeper heads and with no unusual growing hindrances will make very ample foliage with overlapping leaves over the head as a protection to the snow white heads in its forming. It is short stemmed and is not as "leggy" as many other types; matures with great uniformity and when tied comes on very rapidly.

Postpaid (Pkt. 25c) (¼ Oz. \$1.00) (Oz. \$3.00) (¼ lb. \$10.00) (lb. \$35.00).



## Sweet Corn

**CULTURE**—Days indicated mean average time required to produce roasting ears. One pound will plant 100 hills; 10 pounds an acre. Sweet corn should not be planted until the ground is warm and danger from frost is past. Corn thrives best on warm, rich soil, and succeeds only when given frequent but shallow cultivation. For a continuous supply, begin planting as early as the season will permit, and plant every ten days or two weeks until July.

### Hybrid Sweet Corn

**SENECA "60"**—60 days. The earliest of all hybrids. Is outstanding in quality for such an early corn. The stalk is 4 to 4½ feet tall, ears 6 inches long, 8 to 10 rowed, kernels yellow, produces 2 to 3 ears per stalk.

Postpaid (Pkt. 10c) (¼ lb. 20c) (lb. 70c).

**GOLD RUSH**—69 days. A first early yellow hybrid for early market with the strong hybrid vigor and productiveness to replace the open pollinated first early yellow sorts. Ears 8½ inches long, 12 to 14 rowed, slightly tapered, well filled to tip, most attractive yellow, tight husk. Tender, sweet, of fine quality and flavor.

Postpaid (Pkt. 10c) (¼ lb. 20c) (lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.00).

Not Postpaid (10 lbs. \$5.50) (25 lbs. \$12.50) (100 lbs. \$45.00).



Gold Rush

**MARCROSS NORTHERN**—70 days. A popular large eared early sort for market gardeners. Ears 6½ to 7 inches long, 14-16 rows of medium width, yellow deep kernels. Sweet and tender. Stalk, 5½ feet.

Postpaid (Pkt. 10c) (¼ lb. 20c) (lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.00).

Not Postpaid (10 lbs. \$5.50) (25 lbs. \$12.50) (100 lbs. \$45.00).

**MARCROSS C6.13**—72 days. An early market and home garden variety. Stalks short but sturdy, highly resistant to bacterial wilt. Ears long, plump, abruptly tapered at tips; 10-14 rowed ears 7 inches long, with light cream-yellow, medium broad kernels of good quality.

Postpaid (Pkt. 10c) (¼ lb. 20c) (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

Not Postpaid (10 lbs. \$4.50) (25 lbs. \$10.00) (100 lbs. \$38.00).

**SENECA GOLDEN HYBRID**—75 days. A new hybrid that might be described as an early Golden Cross Bantam. Stalks 5½ feet tall, bearing two marketable ears on practically every stalk. A very good hybrid for high altitude and extra early growing. Kernels large, golden yellow and of best quality. Seed small; 6 to 8 lbs. will plant an acre.

Postpaid (Pkt. 10c) (¼ lb. 20c) (lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.00).

Not Postpaid (10 lbs. \$5.50) (25 lbs. \$12.50) (100 lbs. \$45.00).

**EARLY BANCROSS** (Golden Bantam by Purdue Inbred 39)—76 days. Highly resistant to bacterial wilt. Produces a heavy yield of 8 to 14 rowed ears. Cylindrical and of good yellow color.

Postpaid (Pkt. 10c) (¼ lb. 20c) (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

Not Postpaid (10 lbs. \$4.50) (25 lbs. \$10.00) (100 lbs. \$38.00).

**TENDERGOLD**—76 days. A topcross hybrid between Purdue 39 and Golden Sunshine. Stalk medium heavy, 5½ feet tall. Ear 8 inches long with 10 to 14 rows of medium golden yellow kernels.

Postpaid (Pkt. 10c) (¼ lb. 20c) (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

Not Postpaid (10 lbs. \$4.50) (25 lbs. \$10.00) (100 lbs. \$38.00).

**CARMELCROSS**—79 days. A second early variety for market, canning or home garden use. Vigorous and heavy yielding in comparison to its earliness. Medium sized, gently tapering ears 7 inches long, with 12-14 rows of yellow kernels.

Postpaid (Pkt. 10c) (¼ lb. 20c) (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

Not Postpaid (10 lbs. \$4.50) (25 lbs. \$10.00) (100 lbs. \$38.00).

**GOLDEN No. 10**—79 days. This hybrid is in season with Golden Cross Bantam and should not be overlooked as a main cropper. It is outstanding for canning and has excellent possibilities in market gardens. Attractive golden color, tender and sweet. Ears 8 inches long, tight shuck, 12 to 16 rowed, very uniform, rows straight, slightly tapered at tip.

Postpaid (Pkt. 10c) (¼ lb. 20c) (lb. 70c) (5 lbs. \$3.25) (10 lbs. \$5.00).

Not Postpaid (10 lbs. \$4.50) (25 lbs. \$10.00) (100 lbs. \$38.00).

**TOP CROSS MAINE BANTAM**—81 days. Stalk sturdy with deep green foliage; ear 6 inches, 12-16 rowed, kernels medium-narrow and golden yellow. Tender and of excellent flavor. Highly resistant to Stewart's disease.

Postpaid (Pkt. 10c) (¼ lb. 20c) (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

Not Postpaid (10 lbs. \$4.50) (25 lbs. \$10.00) (100 lbs. \$38.00).

**LINCOLN HYBRID**—82 days. For market gardeners wanting large early ears, Golden yellow ears 7 to 8 inches, 14-16 rowed, medium narrow kernels of good quality. Stalk 6½ to 7 feet, erect with ears borne high. Resists lodging.

Postpaid (Pkt. 10c) (¼ lb. 20c) (lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.00).

Not Postpaid (10 lbs. \$5.50) (25 lbs. \$12.50) (100 lbs. \$45.00).



## Corn—(Continued)

### Hybrid Sweet Corn

**CERTIFIED GOLDEN CROSS BANTAM**—83 days. In tests made by State Experimental Stations throughout the United States, this white tassel Golden Cross leads all other strains of this variety in quality and uniformity. Stalk 6 feet tall, ears 8 inches long, with 10 to 14 rows of broad medium-yellow kernels. This strain held on the stalk in edible condition longer than any other strain. One of the most disease resistant varieties and produces excellent crops in sections where bacterial wilt has been the worst. Our seed is New York State Certified.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

**GOLDEN CROSS BANTAM**—88 days. The most widely adapted hybrid. Noted for great uniformity, heavy yield, resistance to bacterial wilt and for its flavor and quality.

Postpaid (Pkt. 10c) (¼ lb. 20c) (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

Not Postpaid (10 lbs. \$4.50) (25 lbs. \$10.00) (100 lbs. \$38.00).

**IOANA**—87 days. Ears average 8 to 9 inches in length with 12 to 14 rows of medium width, deep yellow kernels of excellent quality and flavor. Height of stalk 6 to 6½ feet. A new high yielding hybrid destined to be popular.

Postpaid (Pkt. 10c) (¼ lb. 20c) (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

Not Postpaid (10 lbs. \$4.50) (25 lbs. \$10.00) (100 lbs. \$38.00).

**GOLDEN HYBRID No. 2439**—87 days. Exceptionally valuable to truckers and canners. Plants 7 feet tall, vigorous, uniform. Ears cylindrical, 7½ inches long, 14-16 rowed with long husks, affording considerable resistance to ear worm. Kernels lustrous golden yellow, medium narrow and deep, with tender hull; sweet and of excellent quality.

Postpaid (Pkt. 10c) (¼ lb. 20c) (lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.00).

Not Postpaid (10 lbs. \$5.50) (25 lbs. \$12.50) (100 lbs. \$45.00).

### Open Polinated Varieties

**SIXTY DAY GOLDEN**—60 days. Earliest of the golden varieties with medium large ears with twelve rows of rather wide yellow kernels of very good quality. A good early market or garden corn. Height of stalk 5 feet.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

**GOLDEN SUNSHINE**—76 days. An early variety with good sized ear, particularly desirable for market garden use. Ears 10 to 12 rowed. Kernels medium broad golden yellow, sweet, tender and of good flavor.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

**EARLY EVERGREEN**—90 days. One of the best known and widely used canning varieties, also desirable for market gardeners.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

**COUNTRY GENTLEMAN**—93 days. A late prolific variety of excellent quality, used widely by canners; also desirable for home and market gardens. Stalks often with two ears. Kernels very deep, slender, sweet, with tender hull and set irregularly without row formation.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

**STOWELL'S EVERGREEN**—95 days. The best known late variety. Highly desirable for home and market garden and used extensively by canners. Stalks sturdy and erect; ears 2½ inches thick, uniform, tender. Holds well in prime condition at eating stage.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

**GOLDEN BANTAM**—83 days. Early variety of excellent quality for both market and home use. Stalks 4½ to 5 feet tall, very productive, commonly bearing two ears. Ears 6 to 7 inches long, 8 rowed, kernels rich golden yellow, very tender, sweet and of splendid flavor.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

**IMPROVED GOLDEN BANTAM**—84 days. A selection from the original strain of Golden Bantam resulting in a larger ear with more rows and greater productivity. Ears 10 to 14 rowed, uniform and attractive. Kernels Golden yellow, medium wide, deep sweet and of fine flavor; remain tender longer than regular Golden Bantam.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

**BANTAM OR GOLDEN EVERGREEN**—89 days. Developed through crossing Golden Bantam and Stowell's Evergreen. Ears 14 to 18 rowed. Kernels rich golden yellow, deep with tender hull, sweet, and of fine quality. An outstanding medium late variety.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

## Pop Corn

**CULTURE**—Pop Corn is raised the same as field corn. It should be allowed to get thoroughly ripe before cutting. Very easily raised and often proves a profitable crop. 5 to 6 pounds will plant an acre.

### Hybrid Pop Corn

**MINHYBRID No. 250 HULLESS**—University of Minnesota Strain, matures 30 days earlier; gives 16% greater yield than regular Jap Hulless and 30% greater expansion. Ready to pop right from the field.

Postpaid (¼ lb. 25c) (lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.00).

Not Postpaid (10 lbs. \$5.50) (25 lbs. \$12.50) (100 lbs. \$48.00).

**HYBRID GOLDEN GIANT (New)**—120 days. Has all the advantages of Hybrid corn over the open polinated. Produces more bushels per acre, uniform ears, better quality popping kernels, as well as being drought resistant and shows very good lodging resistance.

Postpaid (¼ lb. 35c) (lb. \$1.00).

### Open Polinated Varieties

**HULLESS OR TOM THUMB**—105 days. A heavy yielder, ears closely set with pure white, rice like kernels. Kernels are free from hulls or shells and pop readily. The popped kernels are snow white and so tender they melt in your mouth.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

**GOLDEN GIANT**—Pops the largest kernels of any variety, crisp and tender, fine flavored, of a rich golden butter color.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).



## Cucumbers

**CULTURE**—One ounce of seed will plant 50 hills, 2 pounds an acre. Cucumbers succeed best in warm, moist, rich, loamy soil. Plant as soon as danger from frost has passed. In hills about 4 feet apart each way.

### Slicing Varieties

**EVERBEARING**—55 days. Small, very early variety. By keeping the fruits picked, it will continue to bear throughout the growing season.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. 90c) (lb. \$3.20).

**ARLINGTON WHITE SPINE**—60 days. Popular among the older early sorts; good for home garden use.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. 90c) (lb. \$3.20).

**STAYS GREEN (Black Diamond)**—60 days. A handsome, early, medium sized, prolific variety used extensively for shipping. Fruits symmetrical, nearly square ended. Very dark green, holds color and firmness well when shipped long distances.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. 90c) (lb. \$3.20).

**EARLY FORTUNE**—63 days. Desirable for shipping and good for slicing. Fruits medium-deep green, slightly tapering. Flesh firm and crisp.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. 90c) (lb. \$3.20).

**CLARK'S SPECIAL OR WOODRUFF'S HYBRID (Long Strain)**—64 days. Valuable for market garden and shipping; a main crop sort, prolific and attractive. Fruits dark green; slightly tapered at both ends; flesh crisp and firm.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. 90c) (lb. \$3.20).

**MARKETER**—65 days. Medium size, very prolific, trim and of uniform size, tapering slightly to both ends, attractive dark green color.

Postpaid (Pkt. 10c) (Oz. 40c) (¼ lb. \$1.25) (lb. \$4.00).

**DAVIS PERFECT**—65 days. A desirable mid-season variety for shipping. Fruits dark green; flesh crisp and of good quality.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. 90c) (lb. \$3.20).

**COLORADO**—67 days. A very attractive variety, good for market gardens and for shipping. Fruit very dark green, cylindrical, round with small seed pocket. Unusually free from striping at blossom end.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. \$1.00) (lb. \$3.70).

**STRAIGHT-8**—68 days. Desirable for home and market gardens and shipping. Fruit uniformly cylindrical; rounded at ends, medium green; quite free from light stripes. An attractive variety.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. 90c) (lb. \$3.20).

**CUBIT**—70 days. Bronze medal winner of 1944. A prolific, white spined variety distinguished by unusually uniform dark green exterior color and long blunt-ended cylindrical shape. The interior



Cubit

has smooth crisp texture with small seed area. Cubit is a main crop long slicing variety.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$5.00).

**A AND C**—68 days. An outstanding variety for shipping on account of its deep green color. Fruits slightly tapered at neck and moderately pointed, but fairly straight and symmetrical; 8-9 inches long, 2½ inches thick; white-spined.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. \$1.00) (lb. \$3.70).

**IMPROVED LONG GREEN**—70 days. Standard late variety for home garden; excellent for slicing; hardy and prolific. Fruits deep green, straight, slightly tapered; flesh very white and crisp.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. 90c) (lb. \$3.20).

**LONGFELLOW (Vaughan)**—70 days. Desirable for home garden, and for shipping; also sometimes used for greenhouse forcing. Fruits dark green, uniform, straight and attractive.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. \$1.00) (lb. \$3.70).

### Pickling Varieties

**BOSTON PICKLING**—56 days. Early, plants very productive, fruits short, slender, slightly tapering, medium color.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.70).

**CHICAGO PICKLING**—56 days. This is similar to Boston, but pickles are a little shorter, thicker and less tapering.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.70).

**EARLY CLUSTER**—55 days. Very fine pickling sort. Very popular. Medium dark green, prolific, full at both ends.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.70).

**NATIONAL PICKLING**—54 days. Especially bred for pickling in the small sizes. Fruit straight, and blunt-ended, but not chunky. Deep green color. Makes firm, crisp pickles.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.70).

**SNOW'S PERFECTION PICKLING**—56 days. Extremely early and prolific. Fruit 5 inches long; dark green at pickling size, black spined, symmetrical, blunt ended.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.70).

**WEST INDIA GHERKIN**—60 days. An extremely small fruited variety grown exclusively for pickles. It has no value for slicing. Is very prickly, but tender and crisp if picked when young. Seed germinates slowly.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.70).



Marketer



## Herbs

Herbs delight in a rich, mellow soil. Sow in early spring in shallow drills one foot apart; cover lightly with fine soil, and when up a few inches thin out, or transplant into prepared beds. Care should be taken to harvest properly. Do this on a dry day, just before they come into full bloom; dry quickly in the shade, pack closely in bottles or dry boxes to exclude the air. Varieties marked (\*) are perennials.

	Pkt.		Pkt.
Anise -----	10c	Coriander -----	10c
*Balm -----	10c	Dandelion -----	10c
Basil, Sweet -----	10c	Florence Fennel -----	10c
Borage -----	10c	*Sweet Fennel -----	10c
Caraway -----	10c	*Horehound -----	10c
*Catnip -----	10c	*Sage -----	10c
Chervil -----	10c	Summer Savory -----	10c
*Chives—Ounce \$1.25 -----	10c		

All Prices on Herbs are Postpaid.

## Dill

One ounce of seed will sow 50 feet of row.

**LONG ISLAND MAMMOTH**—Large seed heads. Much superior to the common dill.

Postpaid (Pkt. 10c) (Oz. 20c) (¼ lb. 50c) (lb. \$1.50).

## Eggplant

**CULTURE**—One ounce will produce 1,000 to 2,000 plants. Seed is of slow germination and requires a moderate amount of heat. Should be started in hotbeds early in March and transplanted to four or six inches apart. Eggplants are very tender and will not stand frost.

**BLACK BEAUTY**—81 days. The best of all. Fruit large, handsome shape and of a rich, glossy black color. Quite early, very productive and thornless. Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.75) (lb. \$6.00).

**NEW YORK IMPROVED**—83 days. Fruit large, good shape and of a dark purple color, very productive and spineless. Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.75) (lb. \$6.00).

**FLORIDA HIGH BUSH**—85 days. Plants are large and high, usually bearing the fruit off the ground. Resistant to drought and blight. Fruit medium size, pear-shaped and of purple color. Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.75) (lb. \$6.00).

**LONG PURPLE**—78 days. An extra early sort; fruits 7 to 8 inches long, 2½ to 3 inches thick; dark purple, smooth and attractive; oblong-oval in shape. Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.75) (lb. \$6.00).

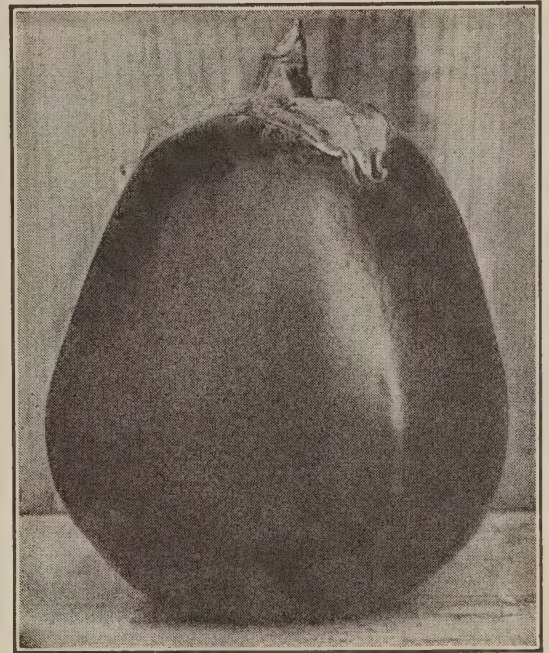
**NEW HAMPSHIRE HYBRID**—An early high productive Black Beauty. It was developed by Prof. J. R. Hepler of the New Hampshire Agricultural Experiment Station. The fruit is slightly oval, a fine purple in color, smaller than Black Beauty, but is earlier and gives large yields. Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.75) (lb. \$6.00).

## Endive

One ounce of seed sows 150 feet of drill.

**BROAD-LEAVED BATAVIAN (Escarolle)**—A decided improvement on the old broad-leaved Batavian. Leaves dark green. The plants are of a larger size and make a fuller heart, easily blanched without needing to be tied. This is a money-making crop. Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.00).

**GREEN CURLED—All Heart Strain**—Grows larger than Green Curled and has less serrated leaves. It is later in maturing, but when well grown on good soil it forms a large full heart of fine quality. When blanched, the heads are delicate yellow in the heart and very attractive. Used largely by market growers. Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.00).



Black Beauty

## Kohl Rabi

One ounce will seed 200 feet of row.

**EARLY WHITE VIENNA**—The leading variety, a very fancy strain of the short-leaved type. Best for forcing or in the open field.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$4.50).

**EARLY PURPLE VIENNA**—A few days later in maturing, with leaves and bulbs of purple color. Otherwise similar to White Vienna.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$4.50).

## Leek

Cultivate the same as onions.

**LARGE AMERICAN FLAG**—The most popular variety; grows to a good size, is straight and uniform, and is of the best quality.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$2.00) (lb. \$6.00).

## Lettuce

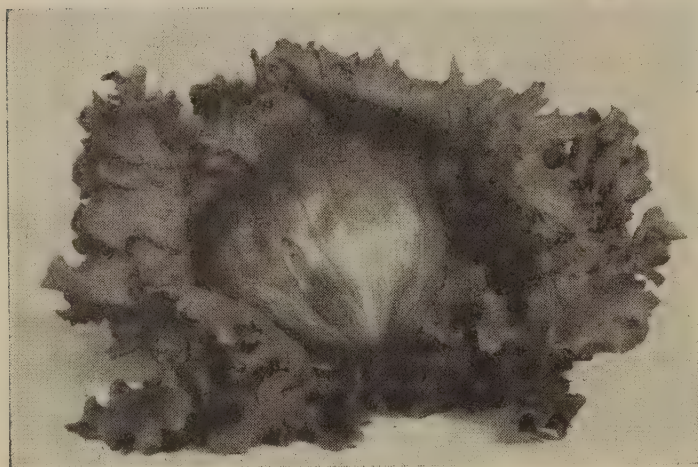
**CULTURE**—One ounce will sow 150 feet of drill, two pounds an acre. Lettuce is a hardy plant and will stand a low degree of temperature; however, a moderate temperature is desirable during the growing period. Lettuce stands cold much better than heat, making it impossible to produce lettuce of good quality during the hot summer months. Hot weather causes the plants to go to seed instead of heading.

Lettuce requires considerable soil moisture; however, an excess of moisture may cause stem rot. A light, loamy soil, enriched with well-rotted manure, is best adapted for the successful growing of lettuce. If planted on poor soil the heads will be small and leaves tough.

As soon as the ground can be successfully worked, sow in drills 15 to 20 inches apart, one-half to one inch deep. Thin the plants 8 to 15 inches apart in the row. Large headed varieties, like New York Wonderful or Iceberg, thin to 15 inches in the row.



## Lettuce —(Continued)



**Great Lakes**

**NEW YORK or WONDERFUL**—Commonly called Iceberg by the produce trade. A large curled heading lettuce, with dark green leaves. Heads are well blanching, sweet, tender, crisp and of excellent quality.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.00) (lb. \$3.40).

**NEW YORK No. 12**—A widely used strain of New York, well adapted to mid-season maturity, as it stands heat well. Plant and head lighter green than New York, with fewer outer leaves, several days earlier; large, compact and attractive.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.00) (lb. \$3.40).

**NEW YORK No. 55**—All American Selection for 1942, introduced by Pieters-Wheeler. Probably the earliest maturing New York type in existence. Good base, hard heading, crisp, of the highest quality with considerable resistance to tip-burn. Heads well in summer and early fall.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.00) (lb. \$3.40).

**NEW YORK No. 515**—A Pieters-Wheeler introduction, bred as a summer variety to resist tip-burn. A cross between Iceberg and New York, resembling No. 12; has a better fold, is more sure heading and more resistant to tip-burn.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.00) (lb. \$3.40).

**NEW YORK No. 199**—An improved strain, larger, darker green and has a better base structure. An ideal summer lettuce.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.00) (lb. \$3.40).

**TRIPLE XXX**—The best of the No. 515 types, highly resistant to tip-burn.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.00) (lb. \$3.40).

**IMPROVED HANSON**—Large, compact head with yellowish-green leaves, curly with fringed edge. Good for mid-summer planting.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.10).

**PARIS WHITE COS or ROMAINE**—Large size, and medium green, compact head, well blanching. For home and market, and well adapted for greenhouse use.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.10).

## Imperial Types

**ROHCO**—A new introduction of the Imperial type, a selection from Imperial 615. It will produce more marketable heads of highest quality and earlier than Imp. 615. Does well in cool weather, withstands frost and cold better than other Imperial varieties.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.00) (lb. \$3.40).

**GREAT LAKES**—Bronze Medal award for 1944. This is of the Imperial type which is so largely used by truck gardeners. What chiefly distinguishes Great Lakes from other varieties of the Imperial type is its increased resistance to tip-burn injury and greater ability to produce solid heads under adverse conditions. The leaves are large, relatively thick, folding well over the head so that when unwrapped they give large pieces desirable for salads.

Postpaid (Pkt. 25c) (Oz. 60c) (¼ lb. \$2.00) (lb. \$7.50).

**IMPERIAL No. 847**—Resistant to brown blight. Heads hard and fine. Best for early spring and late fall crop. Black seed.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.00) (lb. \$3.40).

**IMPERIAL No. 815**—Black Seeded identical with No. 847, for which see description.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.00) (lb. \$3.40).

**IMPERIAL No. 615**—Bred from Imperial No. 152 but somewhat later; resistant to brown blight; does not develop suckers. Heads medium large, solid and firm. Best for fall crop.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.00) (lb. \$3.40).

**IMPERIAL No. 152**—Resistant to brown blight, adapted for fall crop. Dependable in heading, heads medium large, solid and attractive.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.00) (lb. \$3.40).

**IMPERIAL No. 44**—Is an Iceberg type and is superior to N. Y. Special. Outstanding in trials this past year. A large head, solid and crisp. Forms a larger percentage of marketable heads than other varieties. Seems to be quite resistant to tip-burn. You will be well pleased with Imperial No. 44, either on muck or upland soils. Stands the hot weather when others fail.

Postpaid (Pkt. 10c) (Oz. 35c) (¼ lb. \$1.00) (lb. \$3.40).

## Leaf Lettuce

**EARLY CURLED SIMPSON or SILECIA**—A fine home garden sort, with light green frilled leaves.

Postpaid (Pkt. 10c) (Oz. 20c) (¼ lb. 70c) (lb. \$2.10).

**BLACK SEEDED SIMPSON**—An early loose leaved type, with yellowish-green frilled leaves.

Postpaid (Pkt. 10c) (Oz. 20c) (¼ lb. 70c) (lb. \$2.10).

**GRAND RAPIDS**—One of the most popular sorts, for forcing or out-of-door use. Plants compact with light green frilled leaves. Tip-burn resistant.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.35).

**PRIZEHEAD**—An early, non-heading sort, leaves dark green edged with brown and highly frilled.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.35).



## Muskmelon or Cantaloupe

**CULTURE**—One ounce of seed is sufficient for 50 hills; 2 pounds per acre. Plant in May and June. Melons do best in sandy soil or sod land; the ground should be made rich. The hills should be 4 to 6 feet apart with 10 to 12 seeds in each hill. Put the seeds an inch deep and when danger of frost is over, thin to four good plants to a hill. Cultivation should be kept up as long as possible.

**HALE'S BEST, JUMBO**—82 days. A large fruited strain of this well-known variety for local markets. Fruits slightly oval, ribbing prominent, heavily netted. Flesh thick, salmon-orange, sweet and of excellent quality; seed pocket rather large.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

**HALE'S BEST 9-36**—87 days. An early variety with medium vines, vigorous and healthy. Melons oval in shape, running to jumbo sizes. Well netted; flesh pink, sweet and thick. A heavy yielder.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

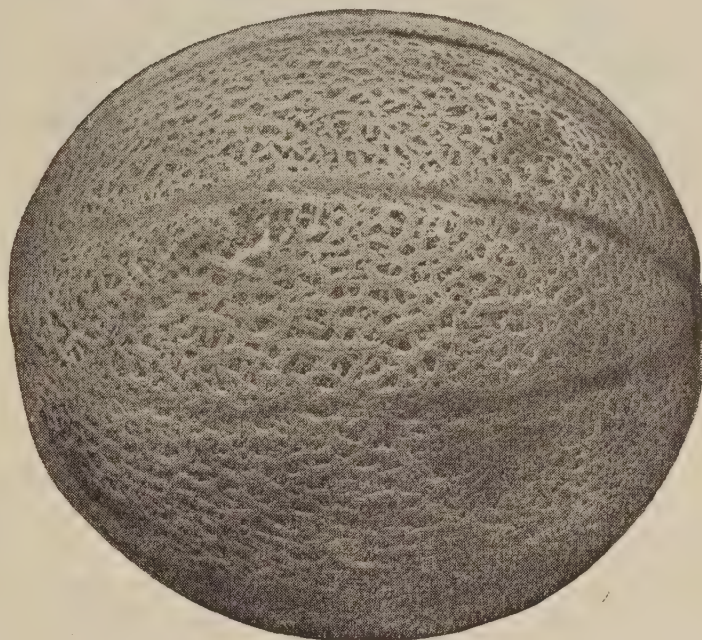
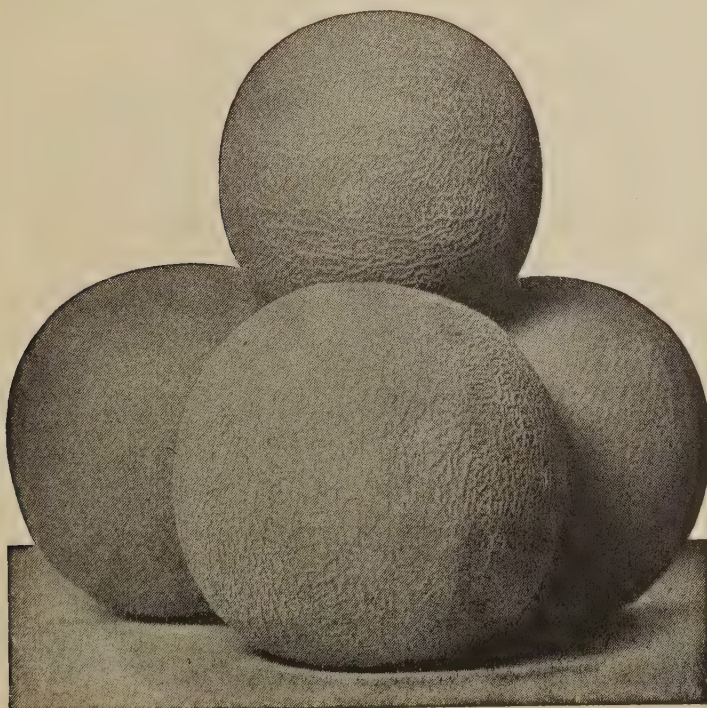
**HALE'S BEST No. 9-36**—All hand-cut, crown set seed in 1-pound sealed bags.  
Postpaid (\$2.50).

**HALE'S BEST No. 45**—86 days. Mildew resistant. An early variety developed particularly for the shipping trade. The No. 45 is a true Hale's Best. Oval shape, medium size, with heavy net and a faint stripe. Flesh is deep salmon, thick, and firm with small seed cavity. Recommended to plant where mildew is prevalent.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

**HALE'S BEST No. 45**—All hand-cut, crown set seed in 1-pound sealed bags.  
Postpaid (\$2.50).

**IMPROVED PERFECTO**—92 days. An excellent late shipping variety. Melons are heavily netted without ribbing. Flesh orange, thick and has a delicious flavor. Small seed cavity. An excellent melon.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

**NEW SEED BREEDERS**—84 days. All purpose melon, very uniform. Heavily netted with a faint stripe, shape is slightly oval with deep pink flesh. Similar to Hale's Best but will outyield Hale's because of fewer culls.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).



**U. S. D. A. No. 5—Mildew Resistant (New)**—85 days. Totally resistant to all kinds of mildew. Adapted for long distance shipping, for crating and for home garden. When cut the flesh is extraordinarily thick, a brilliant orange and unexcelled for sweetness. Same size and shape as Hale's Best.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 90c) (lb. \$3.25).

**QUEEN OF COLORADO**—90 days. A development from Pride of Wisconsin. The melon is rather large with faint ribs and heavy, coarse net. The outside color is pearly grey turning golden when ripe. Flesh thick, deep orange in color. Excellent eating qualities. Good for home and local markets.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

**PRIDE OF WISCONSIN**—90 days. A most attractive fruit both on outside and when cut. The rind is very hard, pearly grey color, with but a faint rib, heavily covered with a distinctive netting. Fruit practically round, pink fleshed, unusually thick with good flavor, small triangular seed cavity. Good for both home use and shipping.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

**BENDER'S SURPRISE**—87 days. A large size melon weighing 7 to 8 lbs. Round shaped, deeply ribbed with coarse netting. Flesh very thick and sweet. An excellent home garden and shipping variety, growing well in all sections.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

**HEARTS OF GOLD**—88 days. Grown extensively by market gardeners, likewise a good shipping type. Fruits practically round, slightly ribbed, covered with fine grey netting. Flesh very thick, deep pink salmon; tender, juicy, sweet and aromatic.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

**ROCKY FORD**—95 days. Also known as Netted Gem. Fruits oval, show no ribbing and are entirely covered with a uniform netting. Flesh green and of excellent flavor.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).



## Muskmelon or Cantaloupe—(Continued)

**EXTRA EARLY HACKENSACK**—80 days. A well-known first early sort for home garden and truckers for local markets. Fruits large, globular, flattened; heavily ribbed, with coarse netting. Flesh green, thick of good quality.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

**OSAGE OR MILLER'S CREAM**—92 days. Dark green skin sparsely netted and ribbed. Thick salmon flesh, fine grained and of rich spicy flavor. A home garden variety or for local markets.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

**GREELEY WONDER**—90 days. An early maturing melon for the home garden and nearby markets. Flesh is quite thick, fine grained, salmon colored and of fine quality. Melons are nearly round and have a heavy netting.  
Crop Failed.

**BANANA**—94 days. Resembles a banana in shape. Fruits smooth and slender, flesh pronounced salmon, of banana-like flavor.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

**PERSIAN**—115 days. While not properly a Casaba the Persian is of tropical origin. It is of dark color and completely covered with a fine netting. Fruits globular, weighing about 7 lbs.; the flesh is extremely thick, of excellent flavor and orange in color.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

**HONEY DEW (Green Fleshed)**—105 days. A medium sized round melon of a dull creamy white color, flesh green, quite distinct and very delicious flavor. The rind is tough without netting, and ships well to distant markets.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

**HONEY DEW GREEN FLESHED**—All hand-cut crown set seeds in 1-pound sealed bags.  
Postpaid (\$2.50).

**HONEY DEW (Pink Fleshed)**—105 days. In outward appearance like the Honey Dew, but has salmon colored flesh and a delicious flavor.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

**HONEY DEW No. 60 (Green Fleshed)**—110 days. This type of the Honey Dew has been developed for resistance of mildew. Its appearance is very much the same as that of the regular Honey Dew, but the size averages somewhat smaller.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

**HONEY DEW GOLD RIND (Green Fleshed)**—100 days. A true green flesh Honey Dew except when about two-thirds grown the outside coloring turns to an attractive golden shade. It withstands heat in that fruits do not show sunburn, because of the color. It has good flavor, a thick flesh and carries well in shipping.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

**GOLDEN BEAUTY CASABA**—115 days. One of the best of the autumn Casabas. Easily grown, very prolific. The fruits are easily handled, being firm and heavy; ripens early in September and fruits can be kept until into December.  
Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.25).

## Watermelons

**CULTURE**—The same as for Muskmelons, except that they should be planted from 8 to 10 feet apart. One ounce for 30 hills and 3 to 4 pounds to the acre.

**EARLY NORTHERN SWEET**—65 days. This new melon is of Russian origin, introduced by the Minnesota Experiment Station. Especially adapted for the northern sections and high altitudes where the seasons are short. It is of an attractive green color striped with lighter green. Flesh is dark red and tender with a rich sugary flavor. Splendid for early market and home garden.  
Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.25)



Watermelon, Early Northern Sweet

**DIXIE QUEEN**—85 days. A very prolific, shipping type of mid-season maturity. Fruits oval-round, light green with dark green stripes; rind thin but tough. Flesh bright red, crisp, of splendid quality, quite free from fibre.  
Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.25)

**SWIKA or EARLY CANADA**—65 days. This is the earliest watermelon, ripening earlier than Northern Sweet. It is medium in size, eating qualities are excellent and is recommended for districts where the later melons will not mature.  
Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.25)

**EARLY VARIETIES MIXED COLLECTION**—65 days. Includes seed of the following varieties: Favorite Honey, Sweet Sensation, Honey Cream, Yamato, Early Arizona, Early Canada, Northern Sweet, Dakota Sweet. These are all good melons and very interesting to plant.  
Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.25)

**GOLDEN HONEY**—90 days. Fruits chunky, nearly round, medium sized, light green with mottled darker green stripes; rind brittle. Flesh amber-yellow, crisp and delicious, free from stringy sections.  
Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.25)



**Watermelons—(Continued)**

**SUN, MOON and STARS (Novelty Melon)**—88 days. The edible qualities are about average, the vines and fruit are generously splotted with bright yellow markings of varying size. The flesh is pink and the seeds are of brownish color.

Postpaid (Pkt. 5c) (Oz. 10c) (¼ lb. 35c) (lb. \$1.10).

**IMP. KLECKLEY'S SWEETS or WONDERMELON**—88 days. A large oblong melon with a thin dark rind and showing faint tracings or indentations running the length of the melon. Flesh deep scarlet-red; solid heart; is a favorite shipping melon.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.25).

**IMP. KLECKLEY'S No. 6 (Wilt Resistant)**—88 days. A certified wilt resistant strain of the popular Imp. Kleckley's Sweet, developed in Iowa and grown under supervision of the Iowa State Agricultural College. Quality is superior to the regular strain of Kleckley's.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.25).

**KLONDIKE**—80 days. A melon of good quality. Exceptionally sweet and fine flavor. Flesh is deep red and brittle, fruit oblong. A very good yielder, fairly early, and has given satisfaction for the market and home garden.

Postpaid (Pkt. 5c) (Oz. 20c) (¼ lb. 50c) (lb. \$1.50).

**STRIPED KLONDIKE**—80 days. An early garden and shipping variety similar to regular Klondike but with irregular dark green stripes. Fruits oblong, of medium size, rind medium hard. Flesh deepest red known to watermelon; sweet and crisp.

Postpaid (Pkt. 5c) (Oz. 20c) (¼ lb. 50c) (lb. \$1.50).

**KLONDIKE No. R7 (Wilt Resistant)**—85 days. This is the first strain of the Klondike to be released showing a high resistance to wilt. This melon seems fully as desirable as the other Klondikes for both edible quality and shipping.

Postpaid (Pkt. 5c) (Oz. 20c) (¼ lb. 50c) (lb. \$1.50).

**GEORGIA RATTLESNAKE**—92 days. A long, fairly large melon with light green color, irregularly mottled, with dark green stripes. The rind is quite thick, the flesh pink in color.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.25).

**ANGELINO**—90 days. It is desirable for shipping. The fruits are medium sized, nearly round or slightly oblong. The skin is very deep green, indistinctly mottled and striped with a lighter shade. The flesh is decidedly bright vermillion-red, remarkably fine grained but firm, and very sweet.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.25).

**COLE'S EARLY**—75 days. One of the earliest and best of the early sorts; hardy, medium size, nearly round; rind dark green striped a lighter shade; flesh deep pink and excellent in quality.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.25).

**IRISH GRAY**—95 days. A large, long, main crop variety with a distinctive gray-green skin; shell very tough and hard, making a fine shipper; flesh very firm, crisp and sweet.

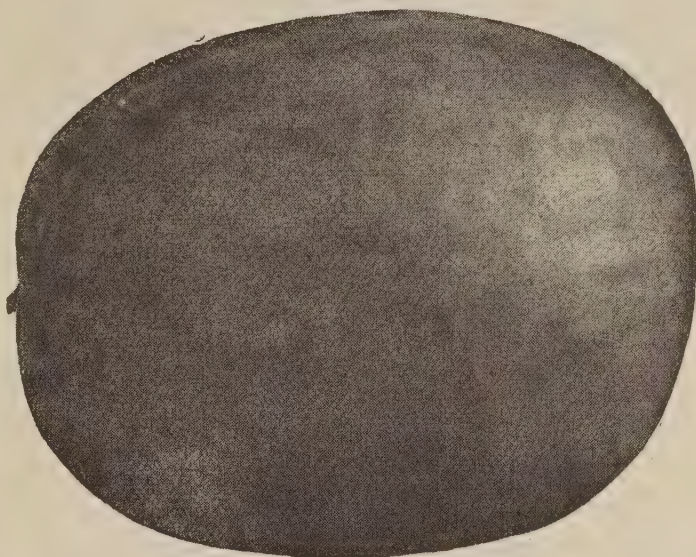
Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.25).

**KING AND QUEEN (Winter Watermelon)**—100 days. A Russian variety of fair size, round in shape; rind light cream with faint, irregular light green striping; early, prolific and excellent in quality; seeds small, black.

Postpaid (Pkt. 5c) (Oz. 20c) (¼ lb. 50c) (lb. \$1.50).

**STONE MOUNTAIN**—85 days. A very large, nearly round or "blocky" melon of high quality. Rind fairly tough, dark green; flesh sweet, rich scarlet, with few seeds; very prolific; seeds white.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.25).



Stone Mountain No. 5

**STONE MOUNTAIN No. 5 (Wilt Resistant)**—85 days.

This is an improvement over the regular type of Stone Mountain; is an unusually early melon with deep red flesh and solid heart. It is recommended for home use and nearby markets, especially where wilt is serious.

Postpaid (Pkt. 5c) (Oz. 20c) (¼ lb. 50c) (lb. \$1.50).

**TOM WATSON**—95 days. Probably the best shipping melon and one of the best main crop sorts; grows to a very large size. Fruit large and long in shape, colored a medium green with a light tracing of a darker shade; flesh rich red and of good quality; seeds brown.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.25).

**WICHITA RED or EARLY KANSAS**—82 days. One of the finest introductions in recent years; very popular in the Middle West. It is a melon of large size, alternate stripes of light and dark green, oblong in shape, with deep red flesh and brown seeds.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.25).

**OKLAHOMA CHIEF**—88 days. A large, round melon with a black-green shiny glossy rind. The rind is very thin and tough so the melons can be hauled long distances without damage. The flesh is blood red, tender and very sweet, melons average about 40 lbs. They are hardy and drough resistant.

Postpaid (Pkt. 5c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.50).

**FLORIDA GIANT**—90 days. Vines vigorous and very productive. Fruits dark green, nearly round. Flesh firm and red, of excellent quality. Ships well, though rather large for some markets; average weight about 40 lbs. Good all-purpose variety. Seed mottled dark brown.

Postpaid (Pkt. 5c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.50).

**CITRON (Green Seeded)**—95 days. Used only for preserving; extremely productive. Flesh white and solid.

Postpaid (Pkt. 5c) (Oz. 10c) (¼ lb. 35c) (lb. \$1.10).

**CITRON (Red Seeded)**—95 days. Practically identical with Green Seeded Citron, except slightly smaller and with bright red seed.

Postpaid (Pkt. 5c) (Oz. 10c) (¼ lb. 35c) (lb. \$1.10).



## Mustard

**CULTURE**—One ounce of seed will sow 100 feet of drill.

**FORDHOOK FANCY**—A handsome, vigorous growing, mild variety, standing a long time before going to seed; leaves bright green, intensely curled and fringed on the edges; fine for salads and garnishings; seed reddish-brown.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.50).

**SOUTHERN GIANT CURLED (Long-Standing)**—This strain of Southern Giant Curled Mustard is much superior to the old type, as it will stand a considerable time longer before going to seed.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.50).

**FLORIDA BROAD LEAF**—33 days. Vigorous, large leaf variety that grows fast but stands longer than most varieties before bolting to seed. The leaves are large, yellowish-green in color; nearly smooth without fringing. The mid-rib is a lighter shade of green.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.50).

**WHITE ENGLISH**—Plant of rapid, upright growth, soon going to seed; leaves rather small and smooth, deeply cut or divided; color deep green; seed large, light yellow.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.50).

## Mustard Spinach

**TENDERGREEN**—28 days. A very pleasingly flavored green. Leaves oblong, thick, fairly smooth dark green with lighter green ribs, resistant to heat and drought; combines the flavor of both Mustard and Spinach.

Postpaid (Pkt. 5c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.00).

## Mushroom Spawn

Cultural instructions for growing mushrooms given free to every purchaser of spawn.



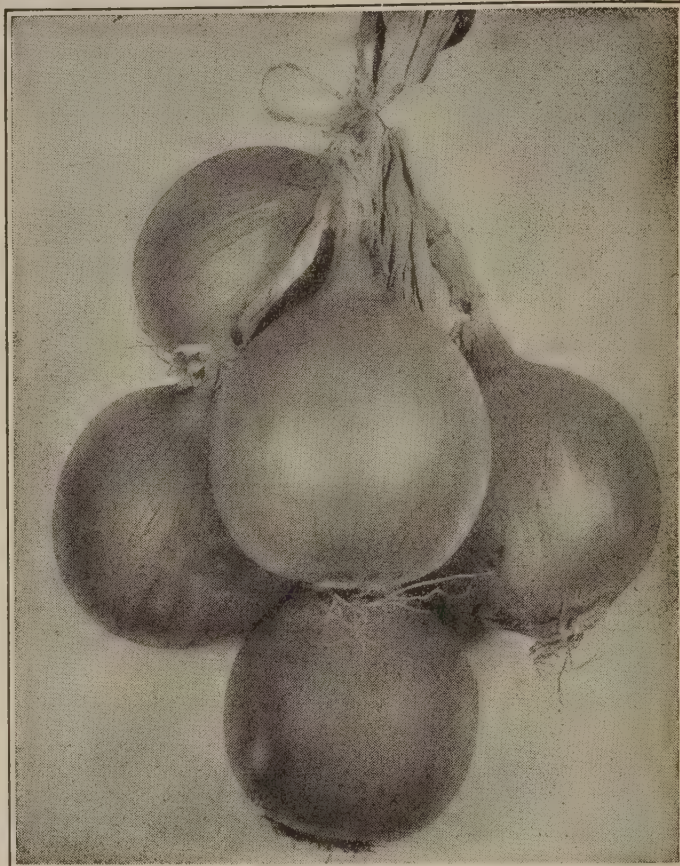
### LAMBERT'S PURE CULTURE

—This spawn is specially prepared for us and produces results where the average spawn proves a failure. It is a strong strain of spawn thoroughly acclimated and selected with reference to earliness, size, flavor, appearance, prolificacy and quality of the mushrooms that it will produce. We highly recommend this spawn for those who intend to raise mushrooms for the market.

Bricks 40 cents each (5 bricks \$1.75) Postpaid.

## Onions

**CULTURE**—One ounce of seed is sufficient for 100 feet of drill, 4 pounds for one acre. Onion seed should be sown as early in the spring as possible to get the ground in shape, even though the weather is cold. Thorough preparation of the soil is one of the most essential points in successful onion growing. They delight in a rich, deep sandy loam, but excellent yields can be obtained from heavier soils properly fertilized. Sow the seed in rows 12 to 14 inches apart and about ½ inch deep. After they are well started, or about 3 to 4 inches high, thin out to stand about 2 inches apart, keeping them well hoed and free from weeds at all times throughout the season.



Special Yellow Sweet Spanish

## Yellow Varieties

### SWEET SPANISH OR VALENCIA (Riverside Strain)

—Sweet Spanish is a sweet and mild onion which grows to an exceptionally large size, often weighing from 1½ to 2½ pounds. The true type is of globe shape with a rich yellow shading to bronze color. It is a good keeper when properly stored. It is very resistant to thrip and plant lice.

Postpaid (Pkt. 15c) (Oz. 90c) (¼ lb. \$3.00) (lb. \$9.50).

### YELLOW SWEET SPANISH No. 6 (Special Strain)

—Developed by Prof. A. M. Binkley of the Colorado Experiment Station. Bulbs large, perfect globe shape, small neck curves down excellently, with heavy protecting deep yellowish-brown skin. Flesh white; fine grained; mild, pleasing flavor.

Postpaid (Pkt. 15c) (Oz. 90c) (¼ lb. \$3.25) (lb. \$11.00).

### YELLOW SWEET SPANISH (Utah Strain)

—Well-known strain of Sweet Spanish. Very productive. Bulbs large yellow globe shaped, small neck which curves down well. Flesh white; fine grained; of mild flavor and a good keeper.

Postpaid (Pkt. 15c) (Oz. 90c) (¼ lb. \$3.00) (lb. \$9.50).

**YELLOW SWEET SPANISH (State Certified)**—A superior strain of this popular variety. Bred for its deep yellow color, uniformity of shape, truthfulness of type and fine keeping quality.

Postpaid (Oz. \$1.00) (¼ lb. \$3.50) (1 lb. \$12.00).

**EARLY BABOSA OR GRANO**—An early relatively non-bolting variety, bulbs top-shaped, medium large with straw-colored skin, flesh white, mild and of excellent flavor. Highly desirable for early market.

Postpaid (Pkt. 15c) (Oz. 90c) (¼ lb. \$3.00)

**YELLOW GLOBE DANVERS**—One of the best and most extensively grown yellow onions. Bulbs are uniformly globe-shaped, small neck and enormous yielders, and fine keepers.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.75) (lb. \$6.00).



## Onions—(Continued)

**AUSTRALIAN BROWN**—Bulb flattened, but thick through, skin reddish-brown. It is very early and an excellent keeper.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.75) (lb. \$6.00).

**MOUNTAIN DANVERS**—This variety is semi-round. It is one of the very earliest and seems to ripen practically all the crop at once. Color is a beautiful dark yellow, shading to brown. The skin is thick and heavy, which makes it a good keeping and shipping sort.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.75) (lb. \$6.00).

**EBENEZER or JAPANESE**—An excellent variety for producing sets of exceptional keeping quality. Bulbs deep-flat, of medium size; dark yellow, very firm, with thick skin.—

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.75) (lb. \$6.00).

**YELLOW BERMUDA**—Also called White Bermuda. Skin very pale straw color, very early, medium size.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$2.00) (lb. \$6.50).

### White Varieties

**CRYSTAL WHITE WAX (Bermuda)**—Waxy-white, very flat, medium early Bermuda type, with mild flavor.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$2.00) (lb. \$6.50).

**WHITE SWEET SPANISH**—The pure white flesh of this onion is fine-grained and exceptionally sweet. It is a splendid sort to use in salads or other ways without cooking. A very good keeper for so early and large variety, and is excellent for either the home or market garden.

Postpaid (Pkt. 15c) (Oz. 90c) (¼ lb. \$3.50).

**WHITE BABOSA OR GRANO**—An early, non-bolting variety, similar to Yellow Babosa except that the shape is somewhat more spherical. Bulbs medium large, mild and of excellent flavor. The skin color is a clear, attractive Silverskin white. Highly desirable for early markets.

Postpaid (Pkt. 25c) (Oz. \$1.00) (¼ lb. \$3.50).

**SOUTHPORT WHITE GLOBE**—The handsomest onion grown; beautiful silvery white, perfectly globe-shaped, uniform in size. Flesh firm, fine-grained, solid and of pleasant flavor. Very small neck.

Postpaid (Pkt. 10c) (Oz. \$1.00) (¼ lb. \$3.50).



White Bunching

**WHITE LISBON**—Grown exclusively as an early bunching onion, stems white. Postpaid (Pkt. 10c) (Oz. 90c) (¼ lb. \$2.50) (lb. \$9.00).

**WHITE BARLETTA (Pickling)**—The best small white onion for pickling. Our seed is the real Barletta onion, producing very small round, white onions that mature early. Sow at the rate of 40 pounds per acre. Postpaid (Pkt. 10c) (Oz. 75c) (¼ lb. \$2.25) (lb. \$8.00).

**WHITE BUNCHING**—Crisp, white, mild bunching onion, suitable for spring planting. Fine for cooking when larger grown.

Postpaid (Pkt. 10c) (Oz. 75c) (¼ lb. \$2.25) (lb. \$8.00).

**WHITE PORTUGAL or SILVERSKIN**—A fine silvery-white flattened bulb that keeps well; useful for pickling, bunching, and the standard for white sets. Medium sized, with mild flavor, and earlier than Southport White Globe.

Postpaid (Pkt. 10c) (Oz. 75c) (¼ lb. \$2.25) (lb. \$8.00).

## Onion Sets

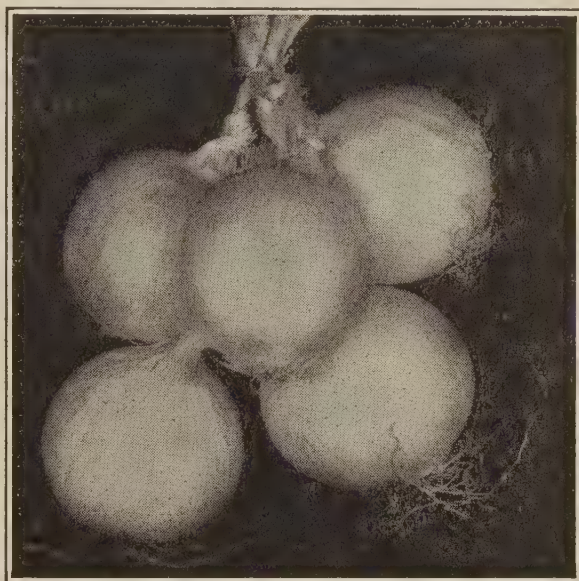
**CULTURE**—One quart will plant 20 feet of row; 12 to 15 bushels an acre. Soil requirements the same as for onion seed. Place the onion sets 3 to 4 inches apart, according to size, 3 inches deep, in rows 1 foot apart. Furrow out the soil with a hoe, set the onions in this furrow right side up, and cover with a garden rake.

### Bottom Sets

#### WHITE—YELLOW

By Parcel Post, Postpaid

	Qt.	3 Qts.
Yellow Bottom Sets.....	\$0.35	\$1.00
White Bottom Sets.....	.40	1.10



Southport White Globe

## Okra or Gumbo

**CULTURE**—One ounce of seed will sow 40 feet of drill. Very wholesome. The pods, when young, make fine soup and are also used in mixed vegetable soups. Plant seed after the ground is warm and dry, in drills 3 feet apart, thinning the young plants to 1 foot apart. Make early and late sowing to secure a supply throughout the season. Easy to grow in any good garden soil. Popular in the South.

**DWARF GREEN LONG-POD**—An early, dwarf growing, sturdy variety producing an abundance of long, fluted, dark green 8-inch pointed pods. One of the best for canning.

**WHITE VELVET**—Plants 3½ feet high. Pods creamy white, 7 inches long, slightly curved and pointed, smooth and tender, early and productive.

**CLEMSON SPINELESS**—All America Silver Medal for 1939. A very uniform spineless strain of the Perkins long-podded type. Plant has less foliage than Perkins; pods rich green, 7 inches long, straight, ridged. A valuable introduction for commercial or garden crops.

Postpaid (Pkt. 5c) (Oz. 10c) (¼ lb. 35c) (lb. \$1.00).



## Parsnips

One ounce of seed will plant 200 feet of drill; 3 pounds to the acre.

**IDEAL OR MODEL**—The roots are of medium length, very smooth, pure white without small roots or prongs. Very attractive for the home garden and more salable in the market. Of excellent quality.

Postpaid (Pkt. 10c) (Oz. 20c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50).

**GUERNSEY HOLLOW CROWN**—Roots half long, smooth, thick-shouldered, of sugary flavor. One of the best.

Postpaid (Pkt. 10c) (Oz. 20c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50).

## Parsley

One ounce of seed will plant 150 feet of drill; 3 pounds an acre.

**EVERGREEN**—Dark green very finely curled leaves, of upright growth with stout stems. Good for home garden as well as for market gardeners and forcing.

**PARAMOUNT**—Very uniform plants with stout stems for bunching, a vigorous grower developing to 12 inches tall and a width of 20 inches; shows resistance to tipburning and is of exceptionally dark rich green color.

**PERFECTION**—An excellent vigorous parsley with finely curled leaves. The color is deep emerald green and most attractive. Rapid grower with upright plants.

**PLAIN OR ITALIAN**—The leaves of this variety are flat, deeply cut but not curled. Very desirable for flavoring.

Above, Prices Postpaid: (Pkt. 5c) (Oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.75).

## Peanuts

Peanuts can be successfully grown in the North on warm, sandy soil in a sheltered place with a southern exposure.

Plant the same as corn in rows  $2\frac{1}{2}$  feet apart. Drop the shelled nuts 8 to 10 inches apart, cover 1 inch deep. When the plants are nearly full grown, throw earth up to them. This will cause the nuts to form.



**IMPROVED LARGE VIRGINIA (Jumbo)**—It has the largest pods and more kernals, with fewer imperfect pods.

Postpaid (lb. 60c).

**TENNESSEE REDS**—The earliest variety grown. pods are small, well filled and of fine quality.

Postpaid (lb. 60c).

**WHITE SPANISH**—Small podded early variety. Postpaid (lb. 60c).



Rogers No. 95 or Icer

## PEAS

**CULTURE**—One pound will plant 50 feet of drill; 90 to 120 pounds for an acre. Peas do best in a light, rich loamy soil that has been liberally manured the previous season. Plant the smooth varieties as early as the ground can be worked. The wrinkled peas are not so hardy as the smooth kinds, and should be planted later; they are, however, sweeter and better flavored. For a succession, plant every two weeks—until June 1st, then discontinue until August 1st, when the extra early varieties may be planted for a fall crop. When grown for market, peas are rarely staked; in small gardens grow in double rows, 12 inches apart, and stake with brush. They should be kept clean and the earth worked toward them two or three times during growth.

**ALASKA**—60 days. The earliest of all smooth blue peas. Pods 3 inches in length. Vines 30 inches tall; very uniform in maturing the crop. Seeds small, round, smooth, bluish-green. Used for canning and early market.

Postpaid (Pkt. 5c) ( $\frac{1}{4}$  lb. 15c) (lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.25) (25 lbs. \$4.50) (100 lbs. \$16.00).

**AMERICAN WONDER**—61 days. Very dwarf; 15 inches high. Used for the home garden; sweet and productive.

Postpaid (Pkt. 5c) ( $\frac{1}{4}$  lb. 15c) (lb. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).

**PREMIUM GEM, LITTLE GEM, and NOTT'S EXCELSIOR**—Are same type peas as American Wonder, except a little taller vine, and will be supplied at the same price.



## Peas—(Continued)

**THOMAS LAXTON**—62 days. Excellent for home and market gardens and for shipping, canning, and freezing. Plants deep green and medium heavy. Pods, single rich deep green, plump, broad, blunt; contain 7-8 large, tender peas of splendid quality.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).

**LITTLE MARVEL**—62 days. This pea has been rightly named. It is an early wrinkled sort, grows about 12 to 15 inches tall, and bears heavily. There is no earlier wrinkled pea and the quality satisfies everybody. Adapted to home gardens. Pods dark green, 3 inches long, round with square ends, and often contains seven rich, dark green peas.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).

**LAXTON'S PROGRESS**—62 days. The largest podded and most attractive of the Laxtonian family. Popular for shipping to distant markets, also for home and market garden planting. Vines medium dark green. Pods single, ¾ inch wide, dark green, somewhat curved, pointed, handsome; contain 7 to 9 large peas of good quality. Seeds large, cream and green wrinkled. Our strain of this important variety is noted for its solid deep green color.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).

**LAXTONIAN, BLUE BANTAM & HUNDREDFOLD**—Are similar to Laxton's Progress, and can be supplied at the same price.

**ROGERS GIANT PODDED HAMPER**—65 days. A giant podded early variety, vines 22 inches tall, dark and heavy. Pods are 4½ to 5 inches long, dark green and pointed.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$3.75).

Not Postpaid (10 lbs. \$3.00) (25 lbs. \$7.00) (100 lbs. \$25.00).

**ROGERS DWARF MARKET**—72 days. Vines are about 28 inches high. Pods are dark green, pointed and 4 to 4½ inches long. They contain 7 to 9 peas of finest quality. A popular home and market garden variety.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$3.75).

Not Postpaid (10 lbs. \$3.00) (25 lbs. \$6.25) (100 lbs. \$22.00).

**TALL TELEPHONE (Dark Podded)**—74 days. Identical with Alderman; excellent for home and market garden, and for shipping. Vines dark green, coarse. Pods single, broad, plump, dark green, pointed, straight. Seeds large, wrinkled, light green. A standard mid-season variety of high quality.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).

**ROGERS DWARF ALDERMAN**—72 days. Developed by Rogers Bros. Seed Co., and is one of the outstanding varieties for shipping and market gardeners. Vine 20 inches, bearing an abundance of heavy dark green vines. Pod 4½ inches, dark green and pointed.

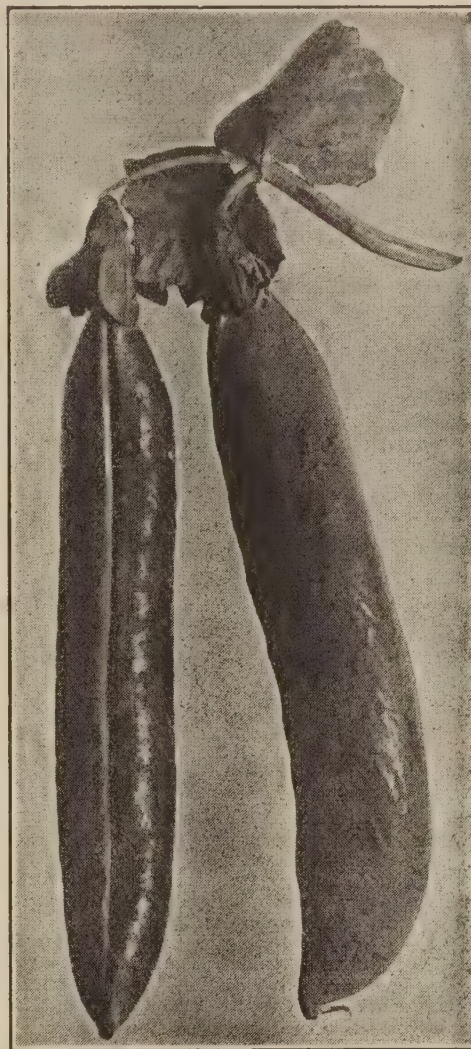
Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$3.75).

Not Postpaid (10 lbs. \$3.00) (25 lbs. \$6.25) (100 lbs. \$22.00).

**ROGERS No. 95 OR ICER**—80 days. Vine 20 inches high, coarse and dark green. Length of pod 4½ to 5 inches, dark green and pointed. Excellent for shipping.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$3.75).

Not Postpaid (10 lbs. \$3.00) (25 lbs. \$6.25) (100 lbs. \$22.00).



Asgrow No. 40

**ASGROW No. 40**—75 days. Resembles Strategem but 4 to 5 days earlier; unequalled in pod size, and exceptional in quality; resistant to Fusarium wilt. Bred particularly for shippers and market gardeners. Vines dark green, stocky and branching. Pods single and double, round, dark green, plump, pointed, curved at tip; contain 8 to 10 large, succulent peas. Seeds large, wrinkled, green.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$3.75).

Not Postpaid (10 lbs. \$3.00) (25 lbs. \$6.25) (100 lbs. \$22.00).

**DWARF TELEPHONE**—75 days. A late, large podded, highly productive sort, for home garden and truckers, and for shipping. Resistant to Fusarium wilt. Vines light green, stocky and branching. Pods single and double, medium light green, lightly curved, broad, pointed and attractive; contains 8 to 10 peas of excellent quality. Seeds large, wrinkled, green, with bluish cast.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 50c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).

**ALDERMAN**—74 days. A handsome large podded variety of the Telephone family. Excellent for home garden, for truckers, and for shipping to distant markets; resistant to Fusarium wilt. Vines dark green, coarse. Pods single, very broad, plump, straight, dark green, pointed; contain 8 to 10 peas of highest quality. Seed large, wrinkled, light green. This variety can well be considered the standard of high quality.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).



## Peas—(Continued)

**EVERBEARING**—76 days. A long bearing variety for the home and market garden; resistant to Fusarium wilt. Vines dark green, thick, coarse and branching. Pods double, light green, plump, blunt, straight; contain 4 to 5 large peas of sweet marrowy flavor. Seeds very large, light green, flat, wrinkled.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).

**DWARF GRAY SUGAR (Edible Pod)**—68 days. A prolific edible podded variety for home garden; resistant to Fusarium wilt. Vines slender and wiry, with purple blossoms. Pods double, light green, heavily curved, semi-pointed, strongly indented between the peas. Seeds small, mottled, gray, round.

Postpaid (Pkt. 5c) (¼ lb. 15c) (lb. 45c) (5 lbs. \$2.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.00).

**GIANT LUSCIOUS SUGAR**—74 days. A tall growing edible podded variety for home and market garden. It is used in the same way as snap beans; resistant to Fusarium wilt. Pods 5 inches, broad blunt. Seed large, smooth, gray.

**CROP FAILED**

## Peppers

**CULTURE**—One ounce of seed should produce 1,000 to 1,500 plants. A warm, moist soil is best suited for peppers. For early green peppers sow seed in hotbeds in January, February or March, according to locality and climate. Transplant to the field as soon as weather and soil in your locality will permit, and when danger of frost has passed. Pepper seeds are slow and hard to germinate, therefore those sown early will require a good hotbed with plenty of heat. Otherwise the seed will rot before they sprout. Pepper plants are very tender and easily killed by frost.

**OAKVIEW WONDER**—65 days. Developed from California Wonder, but is at least a week earlier. It has slightly smaller but blockier and more symmetrical fruits and lacks the deep depression and curling at the nose which characterize most peppers. Has thick walls and high quality of California Wonder, and its exceptional uniformity, earliness and high yield have already made it a favorite among market growers and truckers.

Postpaid (Pkt. 15c) (Oz. 90c) (¼ lb. \$3.00).

**ASGROW KING**—68 days. An early pedigreed variety, bred for size and uniformity; resembles Ruby King. Fruits are exceptional in breadth at the base, and in length; 3-lobed, tapered, smooth, dark green, turning to deep red at maturity. Flesh thick, sweet and mild. Desirable for early market.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.50) (lb. \$5.00).

**KING OF THE NORTH**—65 days. A late introduction, and a winner, similar in type to Ruby King, but decidedly earlier. The plant is of medium size and prolific. The fruit is long, moderately slender, tapering to three or four points.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.25) (lb. \$4.50).

**CALIFORNIA WONDER**—75 days. An outstanding medium late variety for market garden and shipping. Plants vigorous, upright, prolific. Fruits 4-lobed, chunky; very attractive, smooth, uniform and deep green, changing to bright crimson; flesh thicker than any other variety; sweet and mild.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75).

**CALIFORNIA WONDER (Special)**—75 days. This variety averaging 4 inches in length to 3½ inches in diameter with but a slight taper, which makes them almost square. The walls are ¼ to ½ of an inch in thickness. It is an excellent shipping sort and because of the uniformity of shape they pack well. The skin is a deep rich green, smooth and glossy. The ideal pepper for home and market.

Postpaid (Pkt. 15c) (Oz. 80c) (¼ lb. \$3.00).



Oakview Wonder

**HARRIS' EARLY GIANT**—63 days. An excellent first early sweet variety for home and market garden use. Plants dwarf, upright, very productive. Fruits gently tapered, 3-lobed, of mild flavor; deep green changing to bright red.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.50) (lb. \$5.00).

**LARGE BELL or BULL NOSE**—60 days. A popular, early, sweet, prolific sort, with small, erect plants. Fruits blunt, deep green, changing to scarlet red; mild in flavor.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.25) (lb. \$4.50).

**PIMENTO**—73 days. Pre-eminently a canning variety; good also for home and market garden planting. Plants large, erect, prolific. Fruits heart-shaped, very smooth; color dark green, changing to bright crimson; flesh exceptionally thick, sweet and mild.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.25) (lb. \$4.50).

**RUBY KING**—69 days. Productive 4-lobed pepper, large, broad at the shoulder and tapering slightly.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.25) (lb. \$4.50).

**RUBY GIANT**—75 days. 4-lobed pepper of Ruby King type but slightly later.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.25) (lb. \$4.50).

**WORLD BEATER**—75 days. The most prolific large pepper. Fruit 4-lobed and very large. Flesh thick, mild and sweet. Pepper tapering and of a bright ruby color when ripe and very attractive.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.25) (lb. \$4.50).



## Peppers—(Continued)

### Hot Varieties

**ANAHEIM CHILI**—80 days. A hot, late variety; used for home and market garden, and for canning and drying. Fruits tapering, deep green, changing to bright scarlet at maturity.

Postpaid (Pkt. 10c) (Oz. 60c) ( $\frac{1}{4}$  lb. \$1.50) (lb. \$5.50).

**COLLEGE No. 9**—80 days. A hot variety developed by the New Mexico Experiment Station. Very similar to Anaheim but pods are smaller and more slender. Fruits dark red when mature, excellent for drying.

Postpaid (Pkt. 10c) (Oz. 60c) ( $\frac{1}{4}$  lb. \$1.25) (lb. \$4.50).

**HUNGARIAN YELLOW WAX**—65 days. Long, waxy-yellow, changing to crimson. Pointed and tapering. Plants dwarf and prolific.

Postpaid (Pkt. 10c) (Oz. 60c) ( $\frac{1}{4}$  lb. \$1.75) (lb. \$6.00).

**IMPROVED THICK LONG RED**—70 days. Bright red pods about 4 inches long; thicker than the ordinary Red Cayenne. Flesh thick and very hot. Very prolific and quite early.

Postpaid (Pkt. 10c) (Oz. 60c) ( $\frac{1}{4}$  lb. \$1.50) (lb. \$5.50).

**LONG RED CAYENNE**—70 days. A red, hot variety. Fruits tapering, frequently twisted; very pungent. deep green changing to brilliant red.

Postpaid (Pkt. 10c) (Oz. 60c) ( $\frac{1}{4}$  lb. \$1.50) (lb. \$5.50).

**MEXICAN CHILI**—70 days. A large, hot pepper used in making tamales and pungent sauces. Color is glossy green turning to red when ripe.

Postpaid (Pkt. 10c) (Oz. 60c) ( $\frac{1}{4}$  lb. \$1.50) (lb. \$5.50).

**RED CHERRY**—82 days. Plants vigorous, upright, prolific. Fruits erect, conical, extremely pungent. Color yellowish green, changing to deep red.

Postpaid (Pkt. 10c) (Oz. 60c) ( $\frac{1}{4}$  lb. \$1.50) (lb. \$5.50).

**RED CHILI**—82 days. Small, pointed, yellowish-green changing to deep red.

Postpaid (Pkt. 10c) (Oz. 60c) ( $\frac{1}{4}$  lb. \$1.50) (lb. \$5.50).



Small Sugar or Pie

## Pumpkin

**CULTURE**—One ounce of seed will plant twenty hills; three pounds an acre. Pumpkins are very similar in culture to the squashes and other vine crops, except that they are not so particular as to soil and cultivation. In the latitude of Denver they may be planted during May in the garden or in the corn field 5 to 8 feet each way.

**CONNECTICUT FIELD**—A large, round or slightly oval pumpkin. Skin reddish-orange color, with rich orange-yellow flesh. Grown extensively for stock feeding; also good for pies. Generally planted with corn.

Postpaid (Pkt. 5c) (Oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50).

**GREEN STRIPED CUTSHAW**—18 inches to 2 feet long and 12 inches in diameter; green striped with crooked neck. Flesh thick, yellow, coarse but sweet.

Postpaid (Pkt. 5c) (Oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50).

**JAPANESE PIE**—The flesh is thick, of a rich salmon color, fine-grained, dry and sweet. Seed cavity very small. Very early, productive and highly esteemed for pies or cooking.

Postpaid (Pkt. 5c) (Oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50).

**KING OF THE MAMMOTH OR POTIRON**—The largest of all pumpkins, often 2 feet or more in diameter, and sometimes weighing over 100 pounds. The skin is fallow-yellow; the flesh thick and of a bright yellow; often used for pies, but grown principally for stock-feeding.

Postpaid (Pkt. 5c) (Oz. 20c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.75).

**LARGE CHEESE OR KENTUCKY FIELD**—Large, round, somewhat flattened. A fine keeper. Flesh yellow, very thick and of excellent quality. Fine for family or market use; also grown for stock feeding.

Postpaid (Pkt. 5c) (Oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50).

**SMALL SUGAR OR PIE**—It is small, has deep orange skin, fine-grained flesh, is an excellent keeper and very prolific.

Postpaid (Pkt. 5c) (Oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50).

**TENNESSEE SWEET POTATO**—Recommended for pies and custards. Pear-shaped, slightly ribbed, creamy white color slightly striped with green. Flesh creamy white, fine-grained, dry and with flavor resembling a sweet potato.

Postpaid (Pkt. 5c) (Oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50).

## Rhubarb

**CULTURE**—The roots can be raised from seed sown in the spring, and are ready to transplant to the permanent bed the next spring. Seedlings cannot be relied upon to produce the variety true to type no matter how carefully the seed is raised, so the roots that produce the largest and best stalks should be used, the rest being discarded.

**VICTORIA**—Stalks grow very large and are light green and scarlet in color.

Seed Postpaid (Pkt. 5c) (Oz. 20c) ( $\frac{1}{4}$  lb. 60c) (lb. \$2.00).



## Radish

One ounce of seed will sow 100 feet of drill; 8 to 10 pounds will plant an acre.

**EARLY SCARLET GLOBE**—24 days. A very popular variety; is outstandingly good, and well adapted to both field culture and greenhouse forcing. Roots globular, very slightly elongated, with medium top; bright scarlet, crisp, tender and of fine quality.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 35c) (lb. \$1.00) (5 lbs. \$4.50).

**SPECIAL FORCING SCARLET GLOBE**—Our special strain of short-topped Scarlet Globe bred especially for greenhouse work.

Postpaid (Oz. 15c) (¼ lb. 40c) (lb. \$1.15) (5 lbs. \$5.25).

**CAVALIER**—23 days. An attractive variety of short topped Scarlet Globe type; primarily for forcing in greenhouse or frames. Tops about one inch shorter than Standard Scarlet Globe; roots uniform, olive-shaped, deep scarlet.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 40c) (lb. \$1.15) (5 lbs. \$5.25).

**VICK'S SCARLET GLOBE**—22 days. Deep scarlet radish with uniform oblong globe shape, tops medium length, good for cool season growing and makes an ideal bunch for packing.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 35c) (lb. \$1.00) (5 lbs. \$4.50).

**SAXA**—22 days. Excellent forcing variety with a very small top, bright scarlet, ball shaped roots. Very early.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 35c) (lb. \$1.10) (5 lbs. \$4.50).

**CRIMSON GIANT**—28 days. Large globe-shaped red variety with a large top.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 35c) (lb. \$1.10) (5 lbs. \$5.00).

**FRENCH BREAKFAST**—25 days. Oblong roots, scarlet color with a white tip. Half an inch thick by 1½ inches long.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 35c) (lb. \$1.00) (5 lbs. \$4.50).

**PERFECTION WHITE TIPPED (Sparkler)**—26 days. Perfectly round or ball shaped, upper half bright scarlet, lower half a clear white; very attractive in appearance. Largely grown for market and home use.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 35c) (lb. \$1.00) (5 lbs. \$4.50).

**CINCINNATI MARKET (Long Red)**—28 days. An improved strain of Long Scarlet, being slightly larger and with a very small top; roots 6 to 7 inches long; scarlet colored; flesh white, almost transparent; brittle and crisp.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 35c) (lb. \$1.00) (5 lbs. \$4.50).

**WHITE ICICLE**—27 days. Fine, long, wax-white roots, crisp and mild. Our stock is an improved strain.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 35c) (lb. \$1.00) (5 lbs. \$4.50).

**PINK BEAUTY**—28 days. Its unusual large size, splendid quality and long standing character make it a very useful variety for the home gardener. The clear pink color is something different from the ordinary. This may prove an attraction for the public. We recommend a trial.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 40c) (lb. \$1.15) (5 lbs. \$5.25).

**PHILADELPHIA BOX WHITE**—28 days. A medium early, white variety for forcing or outside culture. Roots round, slightly top shaped, flesh white, very crisp, fine grained and tender.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 35c) (1 lb. \$1.00) (5 lbs. \$4.50).

**MIXED RADISHES**—All kinds, colors and shapes. Just what is wanted for the garden where the space is limited. One sowing is all that is required for a continuous supply.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 35c) (lb. \$1.00).

## Winter Varieties

**CHINA ROSE**—52 days. Rose, 5-inch root, 2 inches across, cylindrical, blunt-ended and heavier at lower end. Flesh is pungent.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.50).

**LONG BLACK SPANISH**—55 days. Uniform gray-black, top-shaped, 8-inch roots, 3 inches across at thickest part. White, crisp, pungent flesh.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.50).

**ROUND BLACK SPANISH**—56 days. Gray-black, round, slightly top-shaped roots, 4 inches across and 3 inches deep. White, pungent flesh.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.50).

**WHITE SPANISH OR CELESTIAL**—48 days. Very large, white, cylindrical, smooth roots, 6 to 9 inches long and 2½ to 3 inches across with white, crisp flesh.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.50).



Early Scarlet Globe



## Squash

**CULTURE**—After danger of frost is past, plant in a warm, well pulverized, rich soil, mixing well-rotted manure in each hill. Plant 8 to 10 seed to the hill, about May 10th, for the summer varieties 4 to 6 feet apart, and the winter sorts 8 to 10 feet, about July 1st. When well grown, thin out, leaving three of the strongest plants in each hill. Do not bruise or break the stems of the winter squashes when gathering. Plant summer sorts, 1 ounce to 25 hills; 3 to 4 pounds to an acre; winter sorts, ounce to 10 hills; 3 to 4 pounds to an acre.

**YANKEE HYBRID**—45 days. This is a true first generation hybrid made by controlled crossing of inbreds of Connecticut Straightneck and Early Prolific. This cross produces a squash that is distinctly earlier than either parent. It is more productive and more uniform. The vine is bush type. Fruit medium yellow, straight and very slightly warted.

(Pkt. 15c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$5.50).

**EARLY YELLOW STRAIGHTNECK**—A lemon-yellow colored and small sized squash. Of late years the demand is for small, light yellow fruits, and this variety fills the bill. It is especially noted for its large yield of early fruits.

Postpaid (Pkt. 10c) (Oz. 20c) (¼ lb. 50c) (lb. \$1.50).

**GIANT SUMMER CROOKNECK**—The largest and one of the earliest summer varieties; fruit often 2 feet long, very warty and deep orange in color.

Postpaid (Pkt. 10c) (Oz. 20c) (¼ lb. 50c) (lb. \$1.50).

**GIANT SUMMER STRAIGHTNECK**—A distinct improvement on the Crookneck strain, as it packs to better advantage for shipping. Popular with market gardeners and shippers. Fruits thick-necked, heavily warted, straight, orange-yellow; flesh thick, light yellow.

Postpaid (Pkt. 10c) (Oz. 20c) (¼ lb. 50c) (lb. \$1.50).

**EARLY WHITE BUSH (Green Tinted)**—A well-known variety of dwarf habit and upright growth. Surface comparatively smooth. Color, greenish-white while young, then changing to creamy white. One of the best and most popular sorts.

Postpaid (Pkt. 10c) (Oz. 20c) (¼ lb. 50c) (lb. \$1.50).

**ZUCCHINI (Short Cocozella)**—A short type of Cocozella; fruit 7 to 8 inches long and 3 inches in diameter at picking stage; color light green speckled white; bush habit.

Postpaid (Pkt. 10c) (Oz. 20c) (¼ lb. 50c) (lb. \$1.50).

**COCOZELLA (Long Type)**—A summer variety of bush habit; fruit oblong, 12 to 14 inches in length and 3 inches in diameter at picking stage; color dark green with light green stripes.

Postpaid (Pkt. 10c) (Oz. 20c) (¼ lb. 50c) (lb. \$1.50).

**BANANA**—A late sort, cylindrical and pointed at blossom end, with thin, slate-gray rind. Flesh thick, fine grained, yellowish orange, and of sweet flavor. Seeds brown and highly enameled.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.50).

### CHICAGO WARTED

#### HUBBARD—

Somewhat larger than Improved Hubbard and more thickly covered with warts. Pointed at each end, very dark green; flesh deep orange-yellow, dry and sweet. A prolific, good keeping sort.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.50).



Chicago Warded Hubbard

**IMPROVED GREEN HUBBARD**—Standard winter sort for home market gardeners, and for shipping. Fruits weigh 10 to 12 pounds, pointed at both ends, slightly warted, dark bronze-green in color; rind hard and tough; flesh very thick, orange-yellow, dry and sweet.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.50).

**BLUE HUBBARD**—100 days. Fruits large, round pointed at both ends. Slightly ridged, with very hard blue-gray rind; weight 12-14 pounds. Flesh yellow-orange, thick, of fine flavor.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.50).

**VERMONT HUBBARD**—105 days. Similar in size and shape to Imp. Hubbard, but more warted and uniform. Fruits about 10 lbs., dark green in color; shell very hard and strong; flesh exceptionally thick, deep orange, dry, fine grained, and of excellent flavor.

(Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.50).

**GOLDEN HUBBARD**—Similar to Green Hubbard, but earlier, smaller and more prolific. Popular with home and market gardeners and canners. Fruits somewhat pointed at each end; weight 8 to 10 pounds, moderately warted, orange-red, with faint cream colored stripes toward blossom end; flesh deep orange, dry and of fine quality; it keeps well.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.50).

**TABLE QUEEN OR ACORN**—Desirable for home and market garden use, also for shipping. Trailing in habit, with acorn-shaped fruits, ribbed, smooth, thin-shelled, dark green. Flesh light yellow, bakes well and sweet, inviting flavor. An early maturing variety.

Postpaid (Pkt. 5c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.50).

**MAMMOTH TABLE QUEEN**—80 days. A distinctive, large fruited strain of this hard and prolific variety. Comparable in season to regular Table Queen and with fruits similar in shape and color but much larger—average 5 inches across and 6 to 7 inches deep.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.50).

**DELICIOUS**—A popular winter sort, with top-shaped fruits weighing 7 to 8 pounds. Skin dark green, with light green stripes toward the blossom end; flesh orange, dry and of good flavor.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c) (lb. \$2.50).



## Spinach

**CULTURE**—One ounce of seed will plant 100 feet of drill; 10 pounds an acre. Spinach is an important crop of easy culture for the market gardener. For spring and early summer use, sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks thereafter for a succession crop. For winter and early spring use, sow in September in well-manured ground. Cover with straw on the approach of cold weather.



Giant Gaudy

**GIANT GAURDY (Longstanding)**—A rapid growing variety producing early in the season a mass of rather smooth, thick, rounded leaves of very large size. It stands well without bolting, yields a greater bulk than other varieties, and is highly recommended for both the home and market garden; fine for canning.

Postpaid (Pkt. 5c) (Oz. 10c) (¼ lb. 30c) (lb. 75c)  
(5 lbs. \$3.65) (10 lbs. \$7.00) (25 lbs. \$16.25).

**GIANT NOBEL (Longstanding)**—Very valuable for market gardens and canning. Plants large, vigorous and spreading. It is slow to form seed stalks, and an extremely heavy yielder. Leaves huge, thick, smooth, pointed, with rounded tip; deep green, tender. The best of the Giant Thick Leaved sorts.

Postpaid (Pkt. 5c) (Oz. 10c) (¼ lb. 30c) (lb. 75c)  
(5 lbs. \$3.65) (10 lbs. \$7.00) (25 lbs. \$16.25).

**VIKING (Longstanding)**—Produces very large and vigorous plants, heavy yielding and slow to bolt to seed. The leaves are very large, broad, thick, dark green and partially crumpled.

Postpaid (Pkt. 5c) (Oz. 10c) (¼ lb. 30c) (lb. 75c)  
(5 lbs. \$3.65) (10 lbs. \$7.00) (25 lbs. \$16.25).

**BLOOMSDALE SAVOY (Reselected)**—Very early and hardy, and one of the best for market and canning. Plant of upright growth, with a tendency to go quickly to seed in hot weather. Stems 3 inches long, leaves of medium size.

Postpaid (Pkt. 5c) (Oz. 10c) (¼ lb. 30c) (lb. 75c)  
(5 lbs. \$3.65) (10 lbs. \$7.00) (25 lbs. \$16.25).

**BLOOMSDALE SAVOY (Longstanding)**—Only a few days later than the regular Bloomsdale Savoy, it holds 12 to 14 days longer before throwing seed stalks. Plants are very uniform and sturdy, with very attractive, highly crumpled and blistered dark green leaves. Exceptionally valuable for home and market gardens, and for shipping.

Postpaid (Pkt. 5c) (Oz. 10c) (¼ lb. 30c) (lb. 75c)  
(5 lbs. \$3.65) (10 lbs. \$7.00) (25 lbs. \$16.25).

**SPECIAL SUMMER SAVOY**—A new selection from the popular Longstanding Bloomsdale. It is darker green, will stand 3 to 4 days longer, and is best suitable for summer planting.

Postpaid (Pkt. 5c) (Oz. 10c) (¼ lb. 30c) (lb. 75c)  
(5 lbs. \$3.65) (10 lbs. \$7.00) (25 lbs. \$16.25).

**HOLLANDIA (Prickly Winter)**—A longstanding, late maturing sort; plant very large, vigorous and hardy; leaves round, thick, medium sized and dark green.

Postpaid (Pkt. 5c) (Oz. 10c) (¼ lb. 30c) (lb. 75c)  
(5 lbs. \$3.65) (10 lbs. \$7.00) (25 lbs. \$16.25).

**OLD DOMINION (Blight Resistant)**—Resistant to Mosaic. Similar to Bloomsdale, except slightly smoother in appearance with flatter spreading growth. Leaves pointed and savoyed. Good shipper.

Postpaid (Pkt. 5c) (Oz. 10c) (¼ lb. 30c) (lb. 75c)  
(5 lbs. \$3.65) (10 lbs. \$7.00) (25 lbs. \$16.25).

**NEW ZEALAND**—Distinct from other kinds of spinach and particularly valuable for culture in hot, dry weather. Seeds comparatively large and nut-like. Plants very large and spreading; leaves numerous, small, triangular, thick, deep green. The tender leafy shoots are gathered repeatedly.

Postpaid (Pkt. 10c) (Oz. 25c) (¼ lb. 75c).

## Salsify or Vegetable Oyster

**CULTURE**—A desirable winter vegetable. The roots, when cooked, are palatable and nutritious. Flavor is similar to oysters. A light, rich soil is most suitable, and it should be worked to a good depth. Seed is sown in spring in rows 12 to 15 inches apart and thinned to 4 inches apart in the row.

**MAMMOTH SANDWICH ISLAND**—A popular market garden sort, producing good sized roots, comparatively smooth.

Postpaid (Pkt. 10c) (Oz. 30c) (¼ lb. \$1.00) (lb. \$3.50)

## Tobacco

In the north it is best to sow Tobacco in a hotbed or in a box in the house in March or April and transplant the seedlings once before setting out in the open ground, which should not be done until danger of frost is past. Set the plants in rows 3½ feet apart.

### POSTPAID PRICES ON TOBACCO

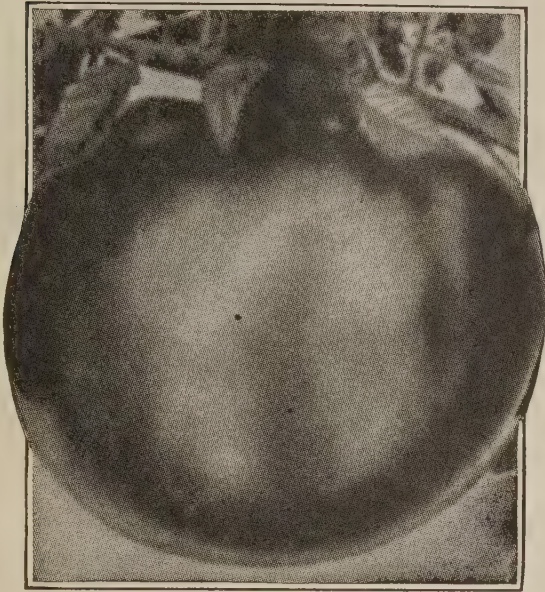
	Pkt.	Oz.	¼ lb.
Connecticut Seed Leaf	\$0.10	\$0.35	\$1.10
Havana	.10	.40	1.25
White Burley	.10	.40	1.25

## Tomatoes

**CULTURE**—Days indicated represent the time required from the setting of plants to produce marketable fruits. One ounce of seed should produce 2,000 plants. Tomatoes do best on light, warm, not over-rich soil. Success depends in a large measure upon securing a rapid, vigorous, unchecked growth during the early part of the season. For first early tomatoes select varieties of the earliest types, and start the plants under glass in hot beds or greenhouses during February and March. When the plants are about 2 inches high they should be transplanted to flats, pots or plant boxes. Never crowd the plants, but keep them short and stocky. Plants already in bloom, if in pots or boxes, may be transplanted to the open ground without disturbing their roots, and will continue to bloom and fruit without check. When danger from frost has passed, set the plants in the field in rows about 4 feet apart each way, in warm, mellow soil of fair fertility. For main crop the plants can be started somewhat later in hot beds or cold frames and then set in the open ground the same as the early varieties. Tomatoes require very little water, just enough to keep them in good growing condition; too much water will cause them to blight. Cultivate often and thoroughly as long as the vines will permit. The last two or three workings of the soil should be shallow or the crop may be badly injured.



## Tomatoes—(Continued)



Master Marglobe

**ASGROW SCARLET DAWN**—70 days. Vines of medium growth fairly open very prolific. Fruits medium large with thick wall structure globular, smooth, free from flat sides, bright scarlet, ripening well to the stem, very attractive.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$5.50).

**BREAK OF DAY**—70 days. A cross of Marglobe and Marvana, resistant to Wilt and Nail-head rust. Plant light, of open spreading habit, with medium foliage; early and very prolific. Fruits medium large, orange-red, uniform, globe shaped, smooth.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$5.50).

**BONNY BEST**—74 days. Early mid-season sort for market, canning or shipping. Medium sized, bright scarlet fruits, smooth, solid and flattened globe shape.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$5.50).

**BOUNTY**—65 days. Fruits are globular, medium size, 2½ to 3 inches in diameter, scarlet. Core is small. Fruits smooth, borne high on plant. Vines small and self-topping.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).

**CHALK'S EARLY JEWEL**—76 days. A second-early sort for home gardens and truckers, also good for canning in the North. Plant medium, with open growth; prolific. Fruits medium large, smooth, scarlet, flattened, globe-shaped.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$5.50).

**EARLIANA**—66 days. Very productive for an early sort; fruits of fair size, round, very smooth and solid, and produced in clusters in center of plant; color bright scarlet. Plants have a distinct open habit of growth.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$5.50).

**EARLY DETROIT**—81 days. A mid-season sort with rather heavy, highly productive plants. Fruits medium large, semi-globular; purplish pink, quite smooth and solid.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.75) (lb. \$6.00).

**EXTRA EARLY BISON**—63 days. Developed at the North Dakota Agricultural Station. This variety produces an early and very heavy crop under very adverse conditions. Fruit is a little larger and earlier than Earliana, deep scarlet, mealy, few seeds and finest quality.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).

**FIRESTEEL**—The fruits are very large dark crimson-red, globe shaped. Vines are medium, vigorous and fairly open. Good for juicing or slicing.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).

**GROTHEN'S RED GLOBE**—70 days. An early maturing, smooth, productive wilt-resisting variety that is becoming popular for shipping. The fruits are deep scarlet; color and size about like Marglobe.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$5.50).

**JOHN BAER**—70 days. A few days earlier than Bonny Best, which it resembles. For local market and canning.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$5.50).

**JUNE PINK**—69 days. The earliest of the pink-fruited varieties. Vine is open, spreading, and rather short. Fruits medium sized, flattened, smooth; color purplish-pink.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).

**INDIANA BALTIMORE**—79 days. Fruits large, thick, flat, smooth, deep red, solid and attractive; desirable for canning and market gardeners. Plants large and vigorous, somewhat open. Good for juice as well as regular pack.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$5.50).

**LANDRETH**—70 days. The vine is short-stemmed, unusually healthy, blood-red, solid, smooth, meaty and most attractive fruit, very productive. In appearance it is like Chalk's Early Jewel but five days earlier and considerably larger fruited.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$5.50).

**LIVINGSTON'S BEAUTY**—84 days. One of the best pink fruited sorts, medium late in season. Plants sturdy, vigorous and prolific. Fruits medium large, deep-flat, smooth, purplish pink, solid, of good quality.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.50) (lb. \$6.00).

**LIVINGSTON'S GLOBE**—84 days. An excellent variety, used largely in the south for shipping; also well adapted to greenhouse production. Vine strong, very heavy foliage; prolific. Fruits large, full globe, smooth; purplish pink, ripen evenly.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$5.50).

**LOUISIANA PINK**—75 days. An early maturing wilt resistant variety. Vines open with finely cut leaves. Fruits medium sized, quite smooth, deep flat, purplish pink.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).

**MARHIO**—79 days. A pink fruited Marglobe developed by the Ohio Agricultural Station. In season it is the same as Marglobe. Fruits medium large, nearly globular, smooth with thick walls and cross-sections; of fine quality.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).

**MARGLOBE**—79 days. Introduced by the United States Department of Agriculture, this main crop variety has come into wide use by truckers and shippers, and in some sections by canners. Plant vigorous, with heavy foliage, resistant to Wilt and Nailhead rust; moderately productive. Fruits medium large, nearly globular, smooth, solid, with thick walls and cross-sections, of fine quality.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$5.50).

**MASTER MARGLOBE (Certified)**—77 days. Early mid-season variety, similar to the usual Marglobe but more uniform, slightly earlier, very solid, and very free from blossom end scar and flats.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).



## Tomatoes—(Continued)

**MINGOLD**—73 days. Excellent yellow-fruited variety, early and prolific. Fruits of medium size, globular and smooth with mild and pleasant flavor.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).

**NEW STONE**—86 days. A fine strain of the old main crop variety. Has large, flat, scarlet fruits, smooth and solid. Very productive.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. 1.50) (lb. \$5.50).

**OXHEART**—90 days. Vine is open, spreading, moderately productive. Fruits extremely large, somewhat rough, heart-shaped, pink, very solid, meaty and of mild flavor.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$2.00) (lb. \$6.50).

**PAN AMERICA**—73 days. This new variety developed by the U. S. Department of Agriculture is highly resistant to nailhead rust and Fusarium wilt. The fruits are bright scarlet in color, medium large, globular in shape, moderately thick flesh, very thick outer wall almost free of cracking. The vines have good coverage of medium dark green leaves.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).

**PEARSON**—76 days. Vigorous, self-topping plants with ample foliage to protect the heavy set of fruits, which are medium large, semi-globe and of good red color. Good canning and shipping variety.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).

**PRITCHARD or SCARLET TOPPER**—73 days. A scarlet, self-topping, disease-resistant variety. It is a cross between Marglobe and Cooper's Special and has inherited fine qualities from each parent; heavily productive. Fruits large, smooth, globular, solid, with thick walls and cross-sections; color light scarlet.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. \$1.50) (lb. \$5.50).

**PONDEROSA or BEEF STEAK**—88 days. Large, pink fruited, home garden sort, inclined to crack.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).

**RUTGERS (Certified Seed)**—It is a second early variety, fruits are medium to large, similar in shape to Marglobe, except that they are more flat in the stem end. The fruit has a thick outer and inner wall, with very small seed cavities. The flesh is firm and red.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).

**STOKESDALE CERTIFIED**—72 days. An early scarlet fruited sort with remarkably solid interior, ripening from the inside outward. Resembles Marglobe in size and shape but about 10 days earlier. Owing to its short season, it is well adapted to the northern states.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).

**VICTOR**—65 days. This tomato is a dwarf self-topping variety. Is extra early, even ripening with small vines. Color is uniform, scarlet and has a very noted smoothness of skin, fruits about 3 inches in diameter.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).

**YELLOW PEAR**—73 days. Fruits small and pear-shaped, rich, clear yellow in color; used for preserves.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).

**YELLOW PLUM**—73 days. A small, yellow-fruited variety much resembling a plum in size and form; for preserving.

Postpaid (Pkt. 10c) (Oz. 60c) (¼ lb. \$1.75) (lb. \$6.00).

## Garden Huckleberry

Not a true Huckleberry, but belongs to the same family as tomatoes and peppers. The fruit is deep purple, nearly black, round and only a little smaller than Concord grape. The plants grow three feet high, and are covered with clusters of fruit. The fruit ripens in September, but is considered best after a hard frost. Culture is the same as tomatoes.

Postpaid (Pkt. 10c) (Oz. 50c) (¼ lb. 90c) (lb. \$3.50).

## Turnip

**CULTURE**—One ounce of seed will sow 150 feet of drill; 2 pounds an acre.

**PURPLE TOP WHITE GLOBE**—55 days. Almost a perfect globe in form; flesh and skin white, colored purple, or red, above ground; very fine grained and sweet. A superior variety.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 35c) (lb. 90c).

**PURPLE TOP WHITE GLOBE (Special)**—55 days. This pure bred strain is noted for its uniformity and productivity. Top dark green, large, erect cut leaved. Root large, globe shaped, very smooth; upper part purple-red, white below; flesh white, sweet, crisp and tender.

Postpaid (Pkt. 10c) (Oz. 20c) (¼ lb. 40c) (lb. \$1.10).

**WHITE EGG**—50 days. An early oval or egg-shaped variety. Roots of medium size, smooth and clear white; of the very best quality.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 40c) (lb. \$1.00).

**EXTRA EARLY PURPLE TOP MILAN**—45 days. Extremely early and of splendid quality; bulbs of medium size, flat and white, with a bright purple top; strap leaved.

Postpaid (Pkt. 5c) (Oz. 20c) (¼ lb. 40c) (lb. \$1.25).

**EXTRA EARLY WHITE MILAN**—45 days. Similar to Purple Top Milan, except that the roots are a solid clear white.

Postpaid (Pkt. 5c) (Oz. 20c) (¼ lb. 40c) (lb. \$1.25).

**SNOWBALL (Early)**—50 days. A quick-growing, ball-shaped, pure white variety, with short top and free from bitter taste.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 35c) (lb. 90c).

**POMERANIAN WHITE GLOBE**—60 days. Roots are globe-shaped, slightly flattened. Skin smooth and white. Largely used for stock feeding.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 35c) (lb. 90c).

**AMBER GLOBE**—60 days. Grows to a large size, skin yellow, with green crown. Flesh yellow.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 35c) (lb. 90c).

**PURPLE TOP STRAP LEAF**—50 days. An early flat sort; crown purplish red, white below, flesh white, used principally for stock.

Postpaid (Pkt. 5c) (Oz. 15c) (¼ lb. 35c) (lb. 90c).

## Rutabaga or Swede Turnip

**AMERICAN PURPLE TOP**—100 days. The standard variety grown for home use, market and storage. Roots large and globular, deep purplish red above ground, light yellow below, with medium short neck. Flesh a creamy yellow, of finest texture and flavor. A good yielder and keeper.

Postpaid (Pkt. 10c) (Oz. 15c) (¼ lb. 40c) (lb. \$1.10).



## Vegetable Plants and Roots



In their proper season, we have large quantities of all the plants listed below, well grown and stocky, and all grown from Persegro Tested Seeds. Purchasers may rely upon having their order filled the day after received in order that we may have the plants freshly pulled, the weather permitting. We recommend having all plants and shrubs sent by Express, as Parcel Post shipments are often delayed, handled roughly, kept too warm or too cold, to carry any distance and arrive in good condition, but if preferred or more convenient to have them delivered by Parcel Post, we will send them that way and see that they are properly packed for such shipment, but when so sent we cannot guarantee them to arrive on time or in good condition. No packing charge, orders will be booked at any time and plants will be sent when ready. Not less than one dozen plants of a variety will be sold; 500 plants will be supplied at the 1,000 rate.

Below we quote prices by Express at purchasers' expense. If wanted by Parcel Post, add 5c per dozen, 10c per hundred, 75c per thousand. No plants sent C.O.D.

	Doz.	100	1,000
Broccoli, Green Sprouting or Calabrese, ready April 15	\$0.35	\$1.25	\$10.00
Cabbage, Early Varieties, ready April 5	.30	1.25	10.00
Cabbage, Late Varieties, ready May 1	.30	1.25	10.00
Cauliflower, Early Varieties, ready April 5	.40	1.35	11.00
Cauliflower, Late Varieties, ready May 1	.40	1.35	11.00
Celery, Giant Pascal, Golden Self-Blanching, ready May 1 and later	.30	1.00	7.50
Egg Plant, Black Beauty, ready May 1	.40	1.35	
Peppers, Sweet and Hot Peppers of popular varieties, ready May 1	.35	1.35	10.00
Sweet Potato Plants, Yellow Jersey, ready May 10	.35	1.25	9.00
Tomatoes, Early Varieties, ready May 5	.40	1.35	11.00
Tomatoes, Late Varieties, ready May 15	.40	1.35	11.00

### Jerusalem or Root Artichoke

The tubers are used for cooking and stock feeding. Ready for shipment after March 15th.

Postpaid (1b. 30c) (2 lbs. 55c) (5 lbs. \$1.10).

Not Postpaid (25 lbs. \$1.50) (100 lbs. \$5.00).

### Asparagus Roots

For the home garden plant asparagus roots 18 inches apart in rows 2½ feet apart, 100 roots for a patch 20x20 feet.

**WASHINGTON**—A new rust-resisting variety of great promise that is being planted largely in this vicinity. The stalks are large, dark green, with a heavy purple over tone.

Postpaid: 1-year-old roots, (Doz. 50c) (100 for \$1.25) (1000 for \$10.00).

**PARADISE**—New, early maturing variety. Large, crisp, tender stalks with fine, mild flavor, similar in appearance to Washington and rust-resisting. Producing crop one year earlier than any other variety.

Postpaid: 1-year-old roots only (Doz. 60c) (100 for \$2.50) (1000 for \$12.00).

### Chives

Small, hardy perennial, belonging to the onion family, which grows in clusters. Leaves used for salads and for flavoring in soups and salads.

Postpaid (Per Bunch 30c) (3 for 75c).

### Garlic

Used for flavoring. The bulbs are set like onion sets about 4 inches apart in the row, divided into "cloves" or flakes and covered 2 inches deep. When tops die down take up the bulbs and dry in a shady place. Bulbs only.

Postpaid (¼ lb. 25c) (½ lb. 45c) (1b. 85c) (10 lbs. \$7.50).

## FREE

Send us the names and addresses of 5 good farmers, gardeners, or home gardeners and we will send you 1 Pkt. of Heavenly Blue Morning Glory and 1 Pkt. of Scarlet O'Hara Morning Glory. Free of charge.

All Names Must Be Mailed by March 15, 1945

### Horse Radish

Horse Radish is easily grown from sets—small lengths of roots. These sets, if planted in the spring in good, rich soil, will form large roots by fall. The set should be planted with the small end down and the upper portion 2 inches below the surface.

Postpaid (35c per doz.) (\$1.25 per 100).

### Rhubarb or Pie Plant

Rhubarb should be in every garden, as it affords the earliest sauces and pies in spring. Set roots out in spring or fall, in rows 4 feet apart, so the crowns are an inch below the surface. Do not pull stalks the first season. Plants set out in the spring will bear quite abundantly the following season.

**VICTORIA**—A midseason variety with large leaf stalks of clear red. The stalks are crisp, tender, juicy and fine flavored. It is an excellent sort for market or home use.

Postpaid (3 for 50c) (12 for \$1.50).

**RUBY**—Very high in sugar content and of exceptionally fine flavor, deep rich ruby red, the reddest of all Rhubarb. It makes a deep rich red sauce which is very beautiful and tasty.

(Each 75c) (3 for \$2.00).

**MacDONALD**—Is an unusually fine flavored rhubarb, high in sugar content. Stalks green with red veins. Makes a fine pink sauce of good flavor.

(Each 75c) (3 for \$2.00).



## Aids in Selecting Flower Seeds for Special Purposes

**Tall Sorts for Backgrounds:** Amaranthus, Canna, Cosmos, Dahlia, Lupin, Marigolds, Ricinus, Sunflower, Zinnia.

**Medium High Annuals:** Antirrhinum, Arctotis, Aster, Balsam, Bachelor Button, Calliopsis, Centaurea, Chrysanthemum, Clarkia, Godetia, Helichrysum, Larkspur, Lupin, Nemesis, Pinks, Scabiosa, Schizanthus, Statice, Stocks, Woolflower, Zinnia.

**Dwarf Border Plants:** Alyssum, Candytuft, Carnation, Daisy, Forget-Me-Not, Pansy, Pinks, Sweet William, Viola, Zinnias Lilliput.

**Window Boxes:** Alyssum, Asparagus, Coleus, Convolvulus Minor, Lantana, Lobelia, Nasturtium Dwarf, Petunia, Thumbergia, Vinca.

**Foliage Plants:** Amaranthus, Coleus, Cineraria, Kochia, Ricinus.

**Dwarf Perennials:** Anemone, Alyssum, Candytuft, Geum, Pinks, Ranunculus, Viola.

**Medium High Perennials:** Campanula, Columbine, Coreopsis, Gypsophila, Gaillardia, Lupin, Poppy, Scabiosa, Shasta Daisy, Sweet William.

**Tall Perennials:** Delphinium, Foxglove, Hollyhock.

**Rock Garden Annuals:** Ageratum, Alyssum, Candytuft, Bachelor Button, Eschscholtzia, Gypsophila, Lobelia, Phlox, Pinks, Portulaca, Verbena.

**Rock Garden Perennials:** Campanula, Candytuft, Columbine, Forget-Me-Not, Lychnis, Poppy, Pinks, Viola.

## A Descriptive List of Selected Flower Seeds

Sow the seeds broadcast or in rows, and cover lightly—a good general rule is to cover four to six times the size of the seeds—and press down the soil firmly. Small seeds cannot come up if covered too deep. Very fine seeds should be sown on the surface and pressed into the soil. To have the earliest blooms, flowers that stand transplanting should be sown early in boxes indoors. Water with a fine spray, do not let the soil dry out, do not keep the plants saturated. When three or four leaves have formed, transplant one inch apart in boxes, or in the open ground if warm enough. The soil best suited to flowers is a light, rich loam, made as fine and smooth as possible. Many seeds are very small and require a fine seed-bed.

**African Golden Daisy—***Dimorphoteca*—Annual. Single yellow flowers with dark eye, plant 12 to 15 inches high. (Pkt. 10c) (3 pkts. 25c).

**Ageratum—***Floss Flower*—Low growing plants excellent for beds or borders.

**BLUE PERFECTION**—Dark blue, plants 9 inches high, compact growth. (Pkt. 10c) (½ oz. 25c).

**MEXICAN MIXED**—Flowers of blue and white, about 1 foot high. (Pkt. 10c) (½ oz. 20c).



Alyssum

**Alyssum—**Compact little plants for rockery and edgings.

**LITTLE GEM**—Annual, 4 to 6 inches high, white flowers. (Pkt. 10c) (¼ oz. 25c).

**CARPET OF SNOW**—Plants grow 4 inches high, flowers white. (Pkt. 10c) (¼ oz. 20c).

**SWEET**—Pure white, height 8 inches. (Pkt. 10c) (¼ oz. 20c).

**VIOLET QUEEN**—Dwarf, compact, free blooming, flowers deep lilac. (Pkt. 10c) (½ oz. 25c).

**SAXATILE COMPACTUM—Basket of Gold**—Perennial with bright yellow flowers blooming in May and June. (Pkt. 10c) (½ oz. 40c).

**Anemone—***Windflower*—*St. Brigid's Strain*—Showy flowers of red and blue, blooming in early spring. (Pkt. 10c).

**Amaranthus—**Brilliant foliaged annuals growing 3 to 5 feet high.

**CAUDATUS—Love-Lies-Bleeding**—Bronze foliage and drooping blood-red racemes. (Pkt. 10c) (½ oz. 20c).

**TRICOLOR—Joseph's Coat**—Foliage scarlet, green and yellow. (Pkt. 10c) (½ oz. 25c).

**Ampelopsis—***Boston Ivy (Veitchi)*—Hardy perennial climber, foliage olive green turning to scarlet in autumn. (Pkt. 10c).

**Arctotis—***Blue Eyed African Daisy*—Plants 2 feet high, bushy, with flowers of white, blue eye with yellow halo. (Pkt. 10c) (½ oz. 20c).

**Asters—**These flowers prefer an open sunny location, good soil, deeply spaded and well enriched with bone meal or other fertilizer. They should not be grown on the same ground two years in succession, as this invites disease.

**IMPROVED CREGOS (Wilt Resistant Strain)**—Flowers are large, double and have long narrow, curled and interlacing petals. Plants 2½ feet tall, bloom in late August.

White  
Purple

Rose  
Crimson

Pink  
Azure Blue

Any one above—(Pkt. 10c) (½ oz. 40c).

Mixed colors—(Pkt. 10c) (½ oz. 35c) (Oz. \$2.00).

**EARLY ROYAL (Wilt Resistant Strain)**—Early branching type, 2 feet high with attractively rounded double flowers, mixed colors. (Pkt. 10c) (½ oz. 35c).

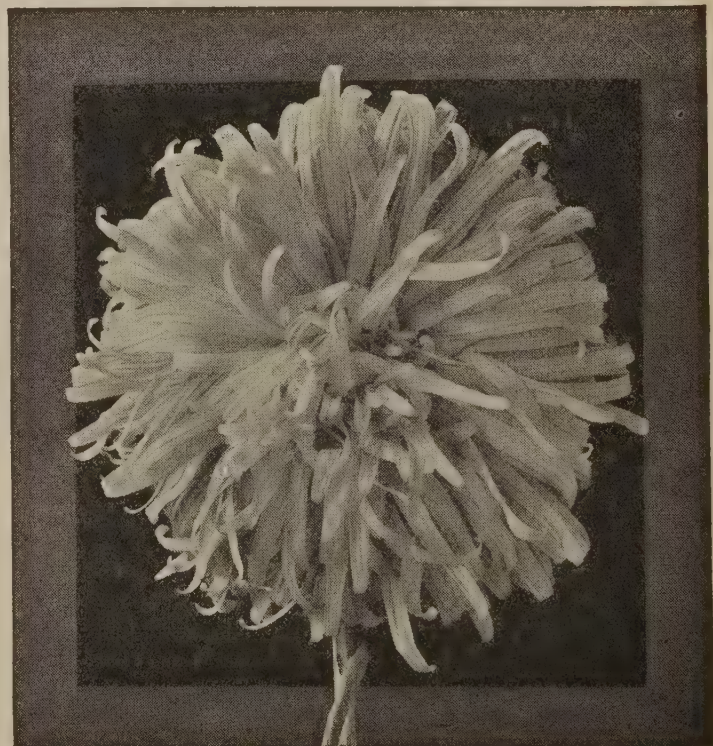
**QUEEN OF THE MARKET (Wilt Resistant Strain)**—Usually in bloom two weeks before most other sorts begin to blossom, of graceful spreading habits.

White  
Scarlet

Pink  
Blue

Mixed Colors

Any one above (Pkt. 10c) (½ oz. 20c) (Oz. \$1.25).





**Antirrhinum—Snapdragon**—Fascinating flowers with their interesting form and glowing colors. Very easy to grow and will bloom continuously until frost.

**SUPERGIANTS (Rust Resistant)**—This is a splendid type of snapdragon for bedding. The plants grow very bushy, 2½ feet high, and flower very profusely.

Copper Shades, bronze brown.

Apple Blossom, pink with white tube.

Loveliness, soft pink.

Snowflake, white.

Canary Bird, yellow.

Any one above (Pkt. 15c) (¼ oz. 50c).

Mixed Colors (Pkt. 10c) (¼ Oz. 40c).



Bachelor Buttons

### Double Bachelor's Buttons—

Corn Flower—Very popular hardy annual that can be grown in any garden soil.

Blue

Ruby

Rose

White

Any one above (Pkt. 10c) (¼ Oz. 25c).

Double Mixed (Pkt. 10c) (¼ Oz. 20c).

**Balsam—(Lady's Slipper)**—Double Camellia Flowered. An old favorite producing double flowers clustered in the axils of the leaves on short stems, height 2 to 3 feet. **Mixed Colors** (Pkt. 10c) (3 Pkts. 25c).

**Calendula—(Pot Marigold)**—An old-fashioned garden favorite, will grow in any soil. Height 18 to 24 inches.

**ART SHADES**—A splendid mixture of varied shades of apricot, orange, cream and buff. (Pkt. 10c) (½ Oz. 20c) (Oz. 35c).

**ORANGE KING**—Large double flowers of deep golden orange. (Pkt. 10c) (¼ Oz. 20c) (Oz. 50c).

**LEMON QUEEN**—Double flowers of pure sulphur-yellow. (Pkt. 10c) (¼ Oz. 20c) (Oz. 50c).

**BALL'S SUPREME**—Very large, beautiful light orange with brown eye. (Pkt. 10c) (¼ Oz. 20c).

**BALL'S ORANGE**—Deep golden yellow with light center. (Pkt. 10c) (¼ Oz. 20c).

**BALL'S MASTERPIECE**—Flowers deep orange with reddish brown center. (Pkt. 10c) (¼ Oz. 20c).

**SENSATION**—Flowers 4 inches across of deep orange, completely double with open center. (Pkt. 10c) (¼ oz. 20c).

**ORANGE SHAGGY**—Flowers orange shading lighter toward the center, petals irregularly placed and fringed on the edge. (Pkt. 10c) (¼ Oz. 20c).

**Calliopsis—(Annual Coreopsis)**—Flowers are similar in form but many are marked with bands or centers of contrasting tones. Colors include variations of yellow and orange, including brown, maroon and almost crimson. (Pkt. 10c) (¼ Oz. 20c).



Coreopsis

**Coreopsis**—A useful and attractive perennial, both for border and cut flowers.

**LANCEOLATA GRANDIFLORA**—Large orange-yellow flowers on long graceful stems. (Pkt. 10c) (3 pkts. 25c).

**DOUBLE SUNBURST**—Large double flowers 1½ to 2 inches across of deep golden yellow. (Pkt. 10c) (3 pkts. 25c).

**Candytuft**—A small hardy annual about a foot high, indispensable for cutting as well as for beds and borders. Fairly covered with blooms throughout the summer, colors range from white, soft pink to dark crimson. Dwarf mixed. (Pkt. 10c) (¼ Oz. 20c).

**GIANT HYACINTH FLOWERED**—Flowers white, growing 18 inches high. (Pkt. 10c) (¼ Oz. 20c).

**Canna—Indian Shot**—Ornamental plants, producing large varied and brilliant flowers. (Pkt. 10c) (3 pkts. 25c).

### Canterbury Bells

—**Campanula**—This brilliant family includes annuals and biennials as well as perennials.

**ANNUAL**—This type is single and grows from 2 to 2½ feet high, each plant having 6 to 8 spikes of flowers. It flowers in less than six months from the time seed is planted. All colors, including dark and light blue, pink, rose and white. (Pkt. 10c) (¼ Oz. 50c).



Canterbury Bells

**CAMPANULA (Single)**—Beautiful hardy perennials bearing a profusion of bell shaped flowers of exquisite colors. Does best in a rich light soil, height 2½ feet. (Pkt. 10c) (¼ Oz. 40c).

**CAMPANULA (Double)**—A biennial having double bell shaped flowers in beautiful shades of blue and pink as well as white. (Pkt. 10c) (¼ Oz. 50c).

**Castor Oil Bean—Ricinus**—Tall stately growing plants of tropical appearance; their luxuriant foliage makes them exceeding ornamental.

**SANGUINEUS**—About 6 feet tall with green leaves. (Pkt. 5c) (Oz. 15c) (lb. 60c).

**ZANZIBARIENSIS**—Ornamental bronze foliage and brilliantly colored seed pods. (Pkt. 10c) (Oz. 25c) (¼ lb. 65c).

**Carnations—Imp. Chaubaud Giant**—Handsome clove scented flowers of extra large size.

Cardinal Red

Bright Rose

Yellow

Pure White

Any one above (Pkt. 15c) (2 pkts. 25c).

Chaubaud's Mixture (Pkt. 10c) (3 pkts. 25c).

**MARGUERITE**—Sweet scented flowers in a choice assortment of rich colors. (Pkt. 10c) (3 pkts. 25c).

**Canary Bird Vine**—Annual climber with delicate canary yellow flowers. (Pkt. 10c) (3 pkts. 25c).

**Clarkia**—Graceful, slender, upright branches—covered almost their entire length with dainty double flowers, which resemble those of the flowering almond.

**DOUBLE MIXED**—(Pkt. 10c).



Clarkia



**Chrysanthemum**—The annual varieties or Painted Daisies, as they are called, bloom from early summer until frost.

**SINGLE MIXED**—These are the painted daisies and come in many brilliant colors. (Pkt. 10c) (¼ oz. 25c).

**DOUBLE MIXED**—Plants 18 inches high with double flowers that range in color from white to deep orange. (Pkt. 10c) (¼ oz. 35c).

**Cobaea Scandens**—(Cathedral Bells)—A rapid growing annual climber. Flower lilac-blue, bell shaped. (Pkt. 10c) (¼ oz. 35c).

**Cineraria**—(Dusty Miller)—Candidissima—Half hardy perennial, fine for ribbon beds and margins. Leaves white. (Pkt. 10c) (3 pkts. 25c).



Cockscomb

### Cockscomb—

**Celosia**—A very ornamental plant with curious flowers resembling a cock's comb.

**DWARF MIXED**—Flowers of red and yellow, growing about 12 inches high. (Pkt. 10c) (¼ oz. 35c).

**TALL MIXED**—Plants 2 feet tall with ornamental heads of red and yellow that may be dried for winter. (Pkt. 10c) (¼ oz. 35c).

**Columbine**—Rocky Mountain—This is Colorado's Emblematic flower. Beautiful blue and white flowers so well known that a detailed description is unnecessary. (Pkt. 10c) (½ oz. 35c).

**Cosmos**—EARLY GIANT SINGLE FLOWERING—This variety of Cosmos will bloom in July and continue right up to hard frost, if seed is sown early.

Mixed (Pkt. 10c) (Oz. 50c).

**SENSATION**—The largest of all early Cosmos, being 3 to 4 inches in diameter, flowers pink and white only. Plants 4 feet tall, blooming 10 weeks from seeding. (Pkt. 10c) (¼ oz. 40c).

**EARLY DOUBLE CRESTED COSMOS**—The plants are similar to other Cosmos, but the blooms are distinct in having double crowns, giving them a very dainty and exquisite appearance. Mixed (Pkt. 10c) (¼ oz. 50c).

**ORANGE FLARE**—Early blooming with flowers of vivid orange. (Pkt. 10c) (¼ oz. 50c).

**Cypress Vine**—The foliage of this annual climber is extremely delicate and much resembles the maidenhair fern. (Pkt. 10c) (¼ oz. 25c).

**Dahlias**—Single and Double Mixed—Grow 18 to 24 inches tall, in many delightful shades. Plants are compact and as easy to grow as Zinnias. Tubers may be dug and stored. (Pkt. 10c) (½ oz. 50c).

**Eschscholtzia**—California Poppy—Low growing annual with finely cut fern like foliage of silvery green.

**SPECIAL MIXTURE OF COLORS**—Giant flowering poppy in soft pink, scarlet, chrome, copper red, claret, yellow, white, royal purple and orange. (Pkt. 10c) (Oz. 35c).

**GOLDEN WEST**—Flowers bright yellow and orange, penciled and blotched. (Pkt. 10c) (Oz. 35c).

**SANTA BARBARA POPPY**—Hunnemannia—Large yellow flowers 3 inches across, petals are crinkled like crushed satin. (Pkt. 10c) (Oz. 40c).

**Everlasting Sweet Peas**—**LATHYRUS LATIFOLIUS**—A very decorative climbing vine of the Pea family, for growing on fences, trellis, etc., as floral screens and for cutting blooms all summer.

MIXED COLORS—(Pkt. 10c) (¼ oz. 35c).

**Four o'Clock**—Marvel of Peru—Treated as an annual, this thrifty family produces plants suitable for growing as a hedge or as a low screen along a fence. The green of the leaves is relieved by a succession of brilliant buds and salver-shaped flowers in a fine range of colors. (Pkt. 10c) (3 pkts. 25c).

**Foxglove**—**Digitalis**—Showy plants producing many tall spikes closely set with large Gloxinia-like flowers of white, pink, rose and crimson, with beautiful throat markings of purple or maroon. Mixed colors. (Pkt. 10c) (½ oz. 40c).

**Gaillardia**—Blanket Flower—Daisy like flowers in tones of yellow, orange, red and maroon, often combined in a single blossom. Annual Mixed (Pkt. 10c) (¼ oz. 25c).

Perennial Mixed (Pkt. 10c) (½ oz. 25c).



Gaillardia

**Godetia**—Dwarf, hardy annuals of easy culture. They do best in a sunny position in rather poor soil. Sow the seed outdoors in May, thinning out well in the rows, or start in hotbeds and transplant. Flowers are large, trumpet shaped of satiny texture and rich coloring. All shades of rose. (Pkt. 10c) (¼ oz. 25c).

**Gourds**—ORNAMENTAL—Tender annual climbers of rapid growth, vines often growing 20 to 30 feet long. They have luxuriant foliage, fruits curiously shaped in various colors by tying strings around the young fruit or by enclosing same in a carved mold while growing. Many of these fruits keep for years, being very hard shelled.

**TURK'S TURBAN**—Odd brightly colored fruit.

**CROWN OF THORN**—Ivory white, with ten prongs extending free from the front of the gourd.

**SPOON**—Small ball-shaped fruit with slender necks, deep orange.

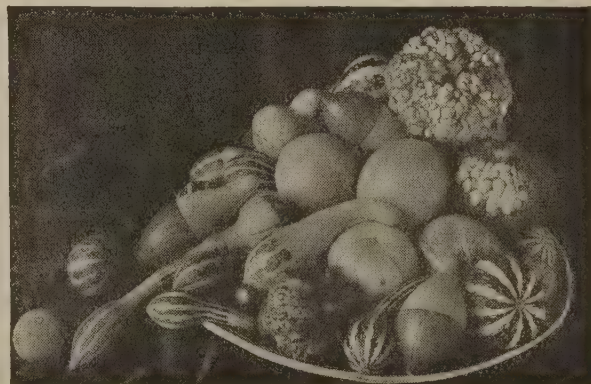
**SMALL BI-COLOR**—Pear shaped gourds half green and half orange.

**MINIATURE BOTTLE**—Small yellow bottle shaped gourds.

**LARGE VARIETIES MIXED**—A mixture of the larger types of gourds.

**SMALL VARIETIES MIXED**—A mixture of all small gourds.

Any of the Above: (Pkt. 10c) (3 for 25c).



Gourds



**Geraniums**—**ZONALE**—A splendid strain of the best varieties. (Pkt. 15c).

**Geum**—Hardy perennials, blooming from May until frost, about 2 feet high.

**LADY STRATHEDEEN**—Rich golden yellow flowers. (Pkt. 10c) (3 pkts. 25c).

**MRS. BRADSHAW**—Orange scarlet flowers. (Pkt. 10c) (3 pkts. 25c).



**Gypsophila**—**Baby's Breath**—Graceful plants of light fairy-like growth, much in demand for cutting and combining with other flowers for bouquets and vases.

**ELEGANS WHITE**—Annual white, very largely grown by florists for use in bouquets. (Pkt. 10c) (Oz. 35c).

**ELEGANS PINK**—(Pkt. 10c) (½ oz. 30c).

**ELEGANS CRIMSON**—(Pkt. 10c) (½ oz. 30c).

**PANICULATA** (Perennial)—Fine for bouquets; white flowers. (Pkt. 10c) (3 pkts. 25c).

**Helianthus**—**SUNFLOWER**—Annual fine for cutting. Sow in a sunny spot.

**CALIFORNIA**—Rich golden yellow flowers, resembling a chrysanthemum. (Pkt. 10c) (½ oz. 20c).

**NEW RED**—Flowers dark chestnut-red tipped with yellow on edge of petal. Pkt. 10c) (½ oz. 20c).

**SUN GOLD**—This sunflower makes a brilliant sea of color as all the plants burst into bloom on the same day. If planted in May will flower in early August. Blooms are all double, pure deep yellow. (Pkt. 10c) (3 Pkts. 25c).

**Heliotrope**—**Lemoine Giant**—Fragrant old fashioned flowers of blue and white. (Pkt. 10c).

**Hollyhock**—**Double Mixed**—Hardy perennial growing 5 to 6 feet tall. Excellent for backgrounds and fences. (Pkt. 10c) (½ oz. 25c).

**Hyacinth Bean**—**DOLICHOS**—**Purple Soudan**—Annual. A rapid growing climber for sunny situations, 8 to 10 feet. Stems purplish red and purple shades in the leaves. Long spikes of pea-like flowers of deep reddish maroon, followed by beautiful metallic purple seed pods. (Pkt. 10c) (Oz. 25c).

**Larkspur**—**Annual Delphinium**—For bedding, for growing among shrubbery and as cut flowers, larkspurs are strikingly beautiful. Height 2½ feet.

**GIANT IMPERIAL**—

**BLUE BELL**—A fine medium Blue.

**BLUE SPIRE**—Deep Oxford Blue.

**DAINTINESS**—Delicate Lavender.

**LILAC KING**—Rich Lilac.

**LOS ANGELES IMP.**—Brilliant Rose.

**MISS CALIFORNIA**—Pink Shaded Salmon.

**PINK PERFECTION**—Light Pink.

**PINK KING**—Soft Salmon Rose.

**WHITE KING**—Glistening White.

**Any one above**—(Pkt. 10c) (¼ oz. 50c).

**Mixed**—(Pkt. 10c) (¼ oz. 40c).

**Larkspur**—**Perennial Delphinium**—Hardy plants producing splendid spikes of flower throughout the summer.

**BELLADONNA**—Immense spikes of lovely pale blue. (Pkt. 15c) (½ oz. 60c).

**BELLAMOSUM**—A lovely counterpart to Belladonna. Rich deep blue flowers. (Pkt. 15c) (½ oz. 60c).

**GOLD MEDAL HYBRIDS**—A wonderful improved type of Delphinium. The colors range from palest lavender, through every shade of blue to pansy-violet, several shades being blended in some of the varieties. (Pkt. 15c) (½ oz. 50c).

**LARKSPUR**—(Con't)

**ROCKY MOUNTAIN BLUE**—A native of the foothills and higher elevations of Colorado. Blooming in early spring, about 1 foot high, dark blue in color, very showy. (Pkt. 10c).

**Lantana**—Shrubby perennial plant, 1 foot high bearing verbenalike pink, yellow, orange or white flowers having an agreeable aromatic odor. (Pkt. 10c) (3 pkts. 25c).

**Linum**—(Grandiflora Rubrum) ("Scarlet Flax")—A very effective and showy bedding plant having fine foliage. The flowers are a brilliant scarlet crimson. Plant about 1 ft. high. (Pkt. 10c) (½ oz. 20c).

**PERENNIAL BLUE**—A hardy perennial; bears graceful bright blue flowers from June till frost. Height 18 inches. (Pkt. 10c) (½ oz. 25c).

**Lobelia**—**CRYSTAL PALACE COMPACTA**—Beautiful deep blue, fine for bedding, 4 inches high. Blooming quickly from seed and lasting all summer, these attractive little bushy plants are exceedingly useful as edging or for rockeries. (Pkt. 10c) (½ oz. 50c).

**Lupins**—**Polyphyllus** (Perennial)—Hardy plants 2½ feet high, having numerous spikes of variously colored flowers. (Pkt. 10c) (¼ oz. 35c).

**RUSSELL'S PRIZE MIXTURE**—Perennial—These remarkable Lupins have spikes of blooms often 3½ feet in length. Flowers are bi-colored and some solid colors. (Pkt. 15c) (½ oz. 50c).

**Marigolds**—Free flowering annuals of easiest culture.

**GUINEA GOLD**—Flowers double with carnation like petals of deep golden orange. (Pkt. 10c) (½ oz. 35c).

**YELLOW SUPREME**—Fluffy double flowers of golden yellow. (Pkt. 10c) (½ oz. 35c).

**LEMON BALL**—Giant double quilled flower of lemon yellow. (Pkt. 10c) (¼ oz. 35c).

**ORANGE BALL**—Immense double flowers of deep orange. (Pkt. 10c) (¼ oz. 35c).

**AFRICAN MIXED**—Double tall varieties of orange and yellow. (Pkt. 10c) (½ oz. 25c).

**CROWN OF GOLD**—Colarette type, plants 2 feet tall, flowers 2½ inches across with crested center and broad guard petals of bright orange. (Pkt. 10c) (3 pkts. 25c).

**SUNSET GIANTS**—Plants 3½ feet tall, with huge flowers 6 inches in diameter in orange and yellow. (Pkt. 10c) (3 pkts. 25c).

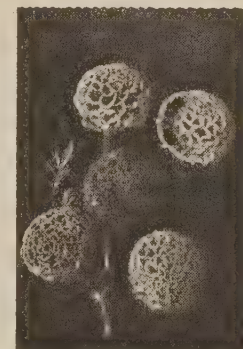
**FRENCH MIXED**—Flower brightly striped orange and brown, blooms freely until frost. (Pkt. 10c) (¼ oz. 25c).

**ROYAL SCOT**—Flowers a combination of gold and mahogany in symmetrical stripes which radiate from the center of flower, plants 2 feet high. (Pkt. 10c) (¼ oz. 35c).

**DOUBLE HARMONY**—Very charming dwarf French type, plants 1 foot high. Flower deep orange edged with maroon. (Pkt. 10c) (¼ oz. 35c).

**Mexican Burning Bush**

—**SUMMER CYPRESS**—A rapid growing, highly ornamental annual forming perfect pyramids 2 to 2½ feet high, covered with feathery green branches, which in the fall turn to deep red. Makes fine summer hedge. Thin to 18 inches apart. (Pkt. 10c) (Oz. 25c).





**Mignonette**—The sweet yet delicate odor of the Mignonette has endeared itself to every true lover of flowers.

**SWEET SCENTED, LARGE FLOWERING**—Flowers large, of a reddish tint; very hardy; fragrant and good variety for the open ground. (Pkt. 10c) (½ Oz. 35c).

**MACHET**—Plant dwarf and vigorous, of good habit, producing large spikes of sweet-scented flowers of yellow color. Fine for cutting. (Pkt. 10c) (½ Oz. 35c).

**Morning Glory**—(Ipomoea)—Popular rapid-growing climbing plants used for growing on trellises, arbors, walls and to cover unsightly places. Soak seed in water before sowing to aid germination, and plant seeds where they are to grow.

**PEARLY GATES**—All American Selection for 1942. The flowers are a lovely lustrous white with creamy shading deep down in the throat. They average 4½ inches across. The vigorous fast climbing vines are covered with bloom from the middle of summer until frost. The leaves are heart shaped, light green in color and luxurious in growth. A wonderful companion for Heavenly Blue and Scarlett O'Hara. (Pkt. 10c).

**COLORADO HEAVENLY BLUE**—The most popular of the morning glories, early blooming climber, literally covered with lovely sky blue flowers shading lighter toward the center. Flowers measure 3½ inches across and bloom until frost. (Pkt. 10c) (¼ Oz. 25c) (Oz. 65c).

**SCARLET O'HARA**—An entirely new color in this popular garden flower; flowers are a deep rosy crimson, about 4 inches in diameter produced on fast growing vines which start blooming within 65 days after seed is sown, and are very showy for covering a fence or trellis. (Pkt. 10c).

**CRIMSON RAMBLER**—A bright ruby red with white throat, very attractive when planted with Heavenly Blue for contrast. Strong climber. (Pkt. 10c) (¼ Oz. 25c) (Oz. 65c).

**IMPERIAL JAPANESE**—The largest and most vigorous of all Morning Glories. Flowers measure from 3 to 4 inches across and come in the most wonderful colors. Mixed. (Pkt. 10c) (Oz. 30c).

**OLD FASHIONED MIXED (Convolvulus)**—Flowers smaller than the Japanese, but a very free bloomer. (Pkt. 10c) (Oz. 25c).

**DWARF (Minor)**—Although these are called Dwarf Morning Glories the flowers really remain open all day in fine weather, and are richly colored. Grow them as a border in masses, in beds. They make an unusually brilliant effect. (Pkt. 10c) (Oz. 25c).

**Moonflower**—(Ipomoea Noctiflora)—Giant white—Huge white trumpet-shaped flowers measuring as much as 6 to 8 inches across, slightly fragrant. (Pkt. 10c) (¼ Oz. 30c).



Morning Glory, Colorado Heavenly Blue

**Nemophila—Baby Blue Eyes**—This delightful little annual grows 6 inches tall in small compact bushes covered with small cup shaped sky-blue flowers. (Pkt. 10c) (¼ Oz. 25c).

**Nemesia**—Dwarf annual with orchid like flowers in all shades of rose, yellow, orange and blue. (Pkt. 10c) (¼ Oz. 25c).

**Nigella—Love in the Mist**—Flowers blue and white surrounded with green feathery foliage, about 1 foot high. (Pkt. 10c) (¼ Oz. 25c).

## Nasturtium--

Few garden annuals respond with as little care as the nasturtium.

**PERFEGRO DWARF MIXTURE**—For bedding, colors range from pale yellow to deep orange. (Pkt. 5c) (Oz. 25c) (¼ lb. 75c).



Nasturtium

**PERFEGRO TALL MIXTURE**—For climbing on trellises or over stonework. (Pkt. 5c) (Oz. 25c) (¼ lb. 75c).

## DWARF SEMI-DOUBLE VARIETIES

**GOLDEN GLEAM**—The fragrant golden yellow blossoms are attractive as cut flowers. You will be astonished at the wealth of blossoms the plants produce. (Pkt. 10c) (Oz. 25c) (¼ lb. 75c).

**SCARLET GLEAM**—A sister of Golden Gleam, its semi-double blossoms are similar in size and shape to those of the popular golden Nasturtium. Rich, dazzling scarlet, sweet scented. Fine for cutting. (Pkt. 10c) (Oz. 25c) (¼ lb. 75c).

**MAHOGANY**—The darkest colored Nasturtium we have ever seen; the velvety, brilliant flowers are rich, deep mahogany. (Pkt. 10c).

**INDIAN CHIEF**—It has dark foliage with vivid scarlet flowers. The blooms are sweet scented and freely produced. (Pkt. 10c) (Oz. 25c) (¼ lb. 75c).

**GLEAM HYBRIDS**—A mixture of all colors of the double Nasturtiums. (Pkt. 10c) (Oz. 25c) (¼ lb. 75c).

**Pansies—Perfegro Giant Mixture**—A mixture of the best pansies we can obtain. Flowers 2½ inches across on stiff stems, with ruffled and fluted petals. Colors are rich and bright with many solid colors of a deep, velvety texture. (Pkt. 25c) (¼ Oz. \$1.00) (Oz. \$6.00).

**PERFEGRO FINE PANSY MIXTURE**—This is our own mixture, especially designed for showy beds. We very carefully made up this mixture from different colors of the finest pansies, many of them being the expensive large ruffled kinds. The mixture is sure to produce a bright and showy display. (Pkt. 10c).

**Pansy Plants**—We grow large quantities of Pansy plants from seed from the best Pansy specialists at home, and if well cared for they will produce blooms of finest colors, from 2 to 3 inches across. In ordering pansy plants, we would advise, where possible, that they be sent by express. Ready about April 1. (Doz. \$1.00). Postpaid.

**Pentstemon—Sensation Improved**—Gloxinia-like flowers of brilliant colors, ranging from pink to purple on long flower spikes. Plant 2 feet high, perennial. (Pkt. 10c) (3 pkts. 25c).



## Petunias

An annual for garden or house culture, beautiful and especially useful for borders, solid beds, window boxes and vases. They start flowering early and continue until frost; easily cultivated, requiring only a fairly good soil and sunny location.

### Single Bedding Petunias

**ROSY MORN**—Clear pink contrasted by a broad white throat. **Not available.**

**HOWARD'S STAR**—Crimson-maroon with a clearly defined five pointed star of bluish white. (Pkt. 10c).

**GENERAL DODDS**—Rich crimson garnet. (Pkt. 10c).

**BLUE HEAVEN**—Violet blue. (Pkt. 10c).

**ROSE OF HEAVEN**—Rose pink. (Pkt. 10c).

**SNOWBALL**—Satiny white. (Pkt. 10c).

**VIOLACEA**—Deep violet. **Not available.**

**DE LUXE BEDDING MIXTURE**—Large, single flowers, blotched and striped in all the petunia colors. (Pkt. 10c) (¼ Oz. 30c).

### Dwarf Giants of California



California Giants

**DE LUXE or RAMONA STRAIN** (Re-selected Mixtures)—Recommended to all who demand the best. It has all the desirable qualities, very compact plants, large and beautiful flowers. (Pkt. 25c).

**RUFFLED MONSTERS EXQUISITE MIXED**—This is a deeper shade than above, with plants more erect; an exceptionally fine strain. (Pkt. 25c).

**FLUFFY RUFFLES EXQUISITE MIXED**—This is a large flowered strain with very fluffy and ruffled edges; sometimes they look like doubles. (Pkt. 25c).

**DEEP ROSE**—Wide open throat with the desirable deep rose shade, and beautifully penciled markings. (Pkt. 25c).

**MARTHA WASHINGTON**—A beautiful blush pink, center strongly veined with rich wine-red; dark violet throat. (Pkt. 25c).

**DOUBLE GIANT FRINGED EXQUISITE MIXED**—This double strain has a magnificent range of color and the per cent of doubles is as good as the best offered anywhere. (Pkt. 35c).

### Petunia Large Flowering Single Fringed



Fringed

**ELK'S PRIDE IMPROVED**—Rich velvety purple.

**FLAMING VELVET**—Luscious velvety blood-red.

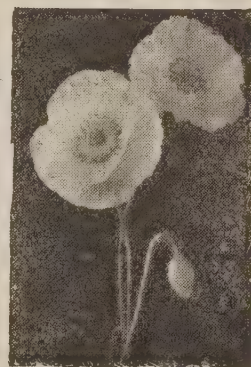
**PURPLE ROBE**—Deep velvety-purple edged with silver.

**WHITE CLOUD**—Dwarf compact plants, flowers pure white.

Any one of above (Pkt. 25c).

**Pinks**—**FINEST SINGLE MIXED**—A mixture of China, Hedderwigii and Imperial Pinks. Nothing better. (Pkt. 10c) (¼ Oz. 25c).  
Double mixed (Pkt. 10c) (¼ oz. 35c).

**Poppies**—**Shirley**—Remarkable brilliant free flowering annual. Range from pale rose to deep crimson, delicately edged and fringed. (Pkt. 10c) (¼ Oz. 25c).



Shirley Poppy

**ORIENTAL**—Most gorgeous perennial, flowering in early June, large flowers, 5 to 6 inches across of deep crimson, with a conspicuous black blotch on each petal. (Pkt. 10c) (¼ oz. 35c).

**ICELAND**—Dwarf perennial poppy with fern-like foliage, flowers pale yellow to deep orange. (Pkt. 10c) (3 pkts. 25c).

**Portulaca**—Charming little annual, about 6 inches high, excellent for beds and rockwork.

**SINGLE-FLOWERED MIXTURE**—White, golden yellow, striped rose, rich rose, crimson, scarlet, bright yellow, purple and salmon. (Pkt. 10c) (¼ Oz. 25c).

**DOUBLE-FLOWERED MIXTURE**—Same colors as in single-flowered. Flowers resembling tiny roses. (Pkt. 10c) (¼ Oz. 40c).

**Ranunculus**—(Buttercup)—Semi-double flowers of yellow, orange and red; 2 inches across, blooming in early summer. (Pkt. 10c) (3 pkts. 25c).

**Salpiglossis**—(Velvet Flower)—Lily-like flowers in a magnificent range of colors, with gold veining of their throats. (Pkt. 10c) (¼ oz. 35c).

**Scabiosa**—(Pincushion Flower)—They grow 2½ feet tall and bloom from early July until frost. Blossoms in beautiful colors from white to dark maroon. (Pkt. 10c) (¼ oz. 35c).

**IMPERIAL GIANTS**—(Blue Moon)—This new type has flowers composed entirely of broad heavy wavy petals eliminating the pincushion center entirely. Because of its complete doubleness the flowers are extremely large, color a rich deep lavender blue. (Pkt. 10c) (3 pkts. 25c).

**Schizanthus**—(Butterfly Flower)—Annual about 1½ feet high, covered with small orchid-like flowers. (Pkt. 10c) (¼ oz. 25c).

**Shasta Daisy**—Flowers pure white with yellow center, very hardy perennial and makes an excellent cut flower. (Pkt. 10c) (¼ oz. 75c).

**Statice (Sinuata)**—Annual Statice is a very charming flower in the garden and when cut and dried for winter bouquets it retains its true color. Grows 18 inches high.

Deep Blue  
Yellow

Deep Pink  
White

Art Shades Mixed

Any one above—(Pkt. 10c) (¼ oz. 25c) (Oz. 75c).

**SUWOROWI**—Annual Statice, dried for winter bouquets, has long narrow spike of rose. (Pkt. 10c).

**LATIFOLIA**—Sea Lavender—Hardy perennial. The cloud-like masses of flowers can be dried and used for winter decorations. Color, clear mauve. (Pkt. 10c).



**Stocks**—TEN WEEKS—Plants 2 feet high, bear numerous large spikes of double, fragrant flowers of blood-red lilac, white, rose, scarlet, light and dark blue, creamy white and pink. (Pkt. 10c) (1/8 oz. 35c).

**GIANT BISMARCK OR IMPERIAL**—One of the best stocks for outside planting; of pyramidal form, strong and robust, gives large double flowers. A splendid sort for cutting. Mixed colors. (Pkt. 10c) (1/8 oz. 40c).

**Sweet Rocket**—Perennial—Is very useful for planting among shrubbery. They bear showy spikes of white lilac and purple fragrant flowers. (Pkt. 10c) (1/8 oz. 25c).

**Sweet Sultan**—Sweet-scented, artistic shaped flowers, borne on long stems. Colors range from white to plum shades. (Pkt. 10c) (1/8 oz. 25c).

**Sweet Williams**—Single Mixed—Free blooming plants about a foot high with clusters of sweet scented flowers on stout stems. (Pkt. 10c) (1/8 oz. 35c).

**Thumbergia**—Black-eyed Susan—A rapidly growing little vine for hanging baskets, vases, boxes, etc. Very pretty flowers in buff and orange with black eyes. (Pkt. 10c) (3 pkts. 25c).

**Tritoma**—Red Hot Poker—Scarlet cone shaped flowers with rush-like foliage. Plants about 2 feet high. (Pkt. 10c) (3 pkts. 25c).

**Verbena**—These mammoth flowering verbenas with their giant heads of showy flower bloom from July until frost.

**BEAUTY OF OXFORD**—Rose pink.

**BLUE WITH WHITE EYE**—Deep blue with white eye.

**COCCINEA**—Scarlet, small eye.

**ETNA**—Geranium red with creamy yellow eye.

**LAVENDER GLORY**—Lavender with creamy yellow eye.

**LUMINOSA**—Flame pink shading to salmon.

**MAMMOTH WHITE**—Pure white.

**VIOLACEA STELLATA**—Deep violet with white eye. Each of above: (Pkt. 10c) (3 pkts. 25c).

**HYBRIDS**—Large flowering. A splendid mixture of richest colorings and immense blooms. (Pkt. 10c) (1/4 oz. 50c).

**Viola**—Tufted Pansy—For rock gardens, beds or borders, these splendid plants are very popular. Violas bloom profusely from June until frost, their colors are clear and distinct. A splendid mixture of the best varieties. (Pkt. 10c) (3 pkts. 25c).

**Wallflower**—Gilliflower—Perennial with fragrant flower heads of yellow and orange, blooms early in spring, about 1 foot high. (Pkt. 10c) (3 pkts. 25c).

**Wild Cucumber**—(Echinocystis lobata)—Quick growing annual climber, with dense foliage and sprays of delicate flowers. These are followed by an abundance of ornamental and prickly seed pods. (Pkt. 5c) (Oz. 25c) (1/4 lb. 50c).

**Woolflower**—CHINESE WOOLFLOWER—Plants about 2 1/2 feet high, branch freely and produce large, globular flowers which resemble a ball of brilliantly colored wool. Mixed. (Pkt. 10c) (1/8 oz. 25c).

## Sweet Peas

These fine late Spencer types are the most popular for summer blooming. They are huge size, delicately waved and scented and produce three or four flowers on each stem.

**SPENCER'S "BUTTERFLY" OR "ORCHID FLOWERED."**

**BLUE BIRD**—Rich deep blue.

**BONNIE BRIAR**—Rose-pink.

**CAPRI**—Light blue.

**CAPTAIN BLOOD**—Brilliant blood scarlet.

**DEBUTANTE**—Coral.

**ELSTREE**—Bright pink on cream ground.

**GUINEA GOLD**—Orange, shaded gold.

**HIGHLANDER**—Pure lavender.

**JUMBO**—Deep cerise.

**KAMES**—Pure white.

**LADY MACBETH**—Dazzling red with gold.

**MASTERCREAM**—Deep cream.

**OTHELLO**—Deep maroon.

**PINKIE**—Rose-pink.

**ROYAL PURPLE**—Rich royal purple.

**RUBICUND**—Crimson-scarlet.

**SHIRLEY TEMPLE**—Clear rose-pink.

**SMILES**—Salmon and shrimp pink.

**TREASURE**—Deep rich mauve.

Any one above: (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.00).

### Special Collection of Butterfly or Orchid Flowering Sweet Peas

Ten full sized packets, all separate colors: White, Pink, Yellow, Lavender, Rose, Purple, Maroon, Scarlet, Salmon, Blue. Postpaid, 75c (regular price \$1.00).

## Sweet Peas in Mixture

**PERFEGRO BLEND OF RESELECTED SPENCERS**—Made up from our complete list of named varieties. (Pkt. 10c) (Oz. 30c) (1/4 lb. 80c) (lb. \$2.75).

**EXTRA EARLY FLOWERING SPENCERS**—All the best early flowering varieties. (Pkt. 10c) (Oz. 30c) (1/4 lb. \$1.00).

**EXQUISITE BLEND**—A mixture of the brightest Spencers and the newest novelties. (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.50).

**SPECIAL FIELD GROWN SPENCERS**—(Pkt. 5c) (Oz. 20c) (1/4 lb. 65c) (lb. \$2.00).

## SPECIAL GARDEN FLOWER MIXTURES

### Garden Flower Seeds

Here we offer a mixture of many easy growing annual flowers that can be sown broadcast, and with practically no care at all will produce a bright effect. This mixture will furnish an abundance of cut flowers for the house. (Pkt. 10c) (1/4 lb. \$1.00).

### Rock Garden Mixtures

**ROCK GARDEN ANNUALS**—(Mixed)—Splendid mixture of 25 varieties for rock gardens. (Pkt. 5c) (1/4 oz. 25c).

**ROCK GARDEN PERENNIALS** (Mixed)—Wonderful mixture of over 50 rare and choice rock garden perennials. (Pkt. 10c) (1/4 oz. 40c).

### Rocky Mountain Wild Flower Seed

This collection consists of over 100 varieties of wild flowers gathered at elevations of 5,000 to 10,000 feet above sea level. At no place in the world are the flowers more beautiful than in the mountains of Colorado. This collection has great possibilities for the grower, as they are all new and unnamed. (Pkt. 25c).



## Zinnia (Youth and Old Age)

There are but a few flowers as easy to raise as Zinnias and there are no flowers that will make such a wonderful display of color for as little expense and effort. Their big bright-colored blooms are the most showy of all flowers, remaining in bloom for two months.

If sown in the open ground in April, thin out as soon as the plants are well up, leaving at least 18 inches each way, as they are robust growers, and require a large amount of space to attain maximum size.

### Giant Dahlia-Flowered Zinnias—

These are a grand giant-flowering strain of high quality. The plants are exceedingly vigorous, growing fully 3 feet high.

**CANARY BIRD**—A delicate shade of Primrose.

**CRIMSON MONARCH**—Rich Crimson.

**DESERT GOLD**—Yellow turning to Rich Orange.

**DREAM**—Unusual shade of Deep Lavender.

**EXQUISITE**—Light Rose with Dark Rose Center.

**ILLUMINATION**—Deep Rose.

**ORIOLE**—Orange and Gold Bi-color.

**POLAR BEAR**—Very Large White.

**PURPLE PRINCE**—Deep Purple.

**SCARLET FLAME**—Bright Scarlet.

**WILL ROGERS**—Dark Scarlet.

Any one above—(Pkt. 10c) (¼ oz. 30c) (¼ oz. 50c) (Oz. \$1.50).

**DAHLIA FLOWERED MIXTURE**—A mixture of the above colors. (Pkt. 10c) (¼ oz. 30c) (½ oz. 55c) (Oz. \$1.00).

### Special Collection of Giant Dahlia-Flowered Zinnias

Six full-size packets of the separate colors listed on this page, value 60c. Your choice for 45c.

### Lilliput Zinnias

**DOUBLE POMPON OR LILLIPUT**—So called on account of its dwarf nature. The plant is 12 to 15 inches high. The flowers are very beautiful little things about 1½ inches in diameter and very double.

**Crimson Gem**

**Salmon Rose**

**Yellow Gem**

**Golden Gem**

**Scarlet Gem**

**White Gem**

Any one above—(Pkt. 10c) (¼ oz. 40c)

**COLLECTION**—One package each of the above varieties (6 pkgs. for 45c).

**MIXED COLORS**—All colors in a splendid mixture. (Pkt. 10c) (¼ oz. 35c).



Zinnia, Scabiosa Flowered

### Special Varieties

**CROWN O'GOLD**—Each petal of the flower is overlaid with a golden yellow at the base while carrying out the individual color at the tip. The effect is very pleasing and the color combinations are of the soft tones or perhaps they might be called pastel shades. The type is similar to the dahlia-flowered Zinnia. (Pkt. 10c) (¼ Oz. 35c).

**BLACK KNIGHT**—Medium sized quite double flowers, and so deep a shade of red that they appear to be almost velvety black. (Pkt. 10c) (¼ Oz. 35c).

**CACTUS-FLOWERED**—Large, attractive double flowers, 2 to 3 inches across, with petals partially quilled or tubular, giving somewhat the appearance of Cactus Dahlia. Many choice and unusual colors. (Pkt. 10c) (¼ Oz. 35c).

**MEXICAN MINIATURES**—Somewhat like French Marigolds with flowers of yellow, orange, mahogany—frequently variegated. Flowers double and single. Good for edging and long lasting bouquets. (Pkt. 10c) (¼ Oz. 35c).

**CALIFORNIA GIANTS**—Enormous double flowers, 6 to 8 inches across, with very long stems. Centers very small and most of the flowers carrying a two-tone effect shading to a darker color at the center of the flower. (Pkt. 10c) (¼ Oz. 35c) (Oz. \$1.00).

**TOM THUMB**—Very dwarf, 4 to 6 inches high, covered with small double flowers. Suitable for rock gardens and hedges. Very suitable for cut flowers. Mixed colors. (Pkt. 10c) (½ Oz. 40c).

**LITTLE RED RIDING HOOD**—Of compact form covered the entire season with double scarlet flowers not over an inch across; as a border plant it is highly effective; height one foot. (Pkt. 10c) (¼ Oz. 40c).

**DOUBLE STRIPED OR ZEBRA**—A very beautiful strain with striped flowers; large, perfectly double blooms of various colors, some blotched, striped and mottled, and different shades. (Pkt. 10c) (¼ Oz. 25c).

**FANTASY**—It is of the curled and crested type, with blooms of medium size having shaggy ray-like petals, giving it a delicate and refined appearance. Color range includes reds, yellows, orange and pastel pinks and creams. Plants are 2 to 2½ feet tall, free-flowing. (Pkt. 10c) (½ Oz. 35c).

**SCABIOSA FLOWERED**—Mixed colors. A new form. On a single corona of outside petals stands a semi-globular crown with a large number of small florets giving a most interesting effect, similar in form to the flowers of the Scabiosa. (Not available).

**GIANT SHAGGY MIXED**—A new break in Zinnias. The foliage is beautifully crinkled, stems long and flowers nearly as large in size as Dahlia Flowered. Petals are long, shaggy and crinkled. A good cut flower. (Pkt. 10c).

**ACHIEVEMENT MIXED**—A large flowered type, of the Dahlia Flowered variety, except center petals are quilled. Colors range from light yellow to deep red. (Pkt. 10c).



## Flowering and Ornamental Shrubs

Greatly in demand for specimen use on lawns, for hedges and for making permanent background effects. Some are valuable as cut-flowers and others for their ornamental foliage. Every home-owner has room for selected shrubs which grow in beauty and usefulness from year to year with the least possible care. They are easy to handle and endure neglect with less damage than any other plants.

Figures in parenthesis are the general height at maturity.

### Prices Quoted Are Prepaid

#### ALMOND

**PRUNUS GLANDULOSA—Double Flowering**—(4 to 5 ft.). The blossoms are double like roses, set closely on the twigs and appear before the leaves in the early spring. We can supply both **WHITE** and **PINK**. (Each 70c) (3 for \$1.90).

#### ALTHEA

**HIBISCUS SYRIACUS—Rose of Sharon**—(10 to 12 ft.). The Altheas are fine, free-growing flowering shrubs of very easy cultivation. Desirable on account of flowering in August and September, when nearly every other shrub or tree is out of bloom. Perfectly hardy and can be had in various colors if desired. We can supply **RED**, **PINK**, **WHITE** or **PURPLE**. (Each 50c) (3 for \$1.35).

#### BARBERRY

The Barberries are low growing shrubs especially good for front or shrubbery borders and foundation planting.

**BERBERIS THUMBERGI—Japanese**—4 to 5 feet. Has small light green leaves, which turn to rich colors in autumn, and its wealth of scarlet berries make it very attractive. (Each 50c) (3 for \$1.35).

**ATROPURPUREA—Red Leaved**—(3 to 6 ft.). Has bronzy-red foliage at all seasons; in mid-summer or fall turning a brilliant red. (Each 70c) (3 for \$1.90).

#### BEAUTY BUSH

**KOLKWITZIA AMABILIS**—(4 to 5 ft.). This is a new Chinese shrub. Soft, green leaves tinted with bronze. Clear pink, bell-shaped flowers, with brown markings. Very hard. (Each 75c) (3 for \$2.10).

#### BUTTERFLY BUSH

One of the best of the late summer and fall blooming shrubs. Dies back to the roots each winter, but grows to 4 to 5 feet each year. From July until frost are covered with a wealth of flowers.

**ILE DE FRANCE**—Large flowers of rich purple, borne in long panicles. (Each 60c).

**CONCORD**—A new dark red with blood red eye shading lighter to edge of petals (Each 60c).

**DUBONNET**—A new dark wine, dubonnet colored buddleia with firm large spikes that do not sunburn. (Each 60c).

**CHARMING**—Long sprays covered with lavender pink blooms. (Each 75c).

**ROYAL RED**—Rich dark purple. (Each 75c).

#### CARAGANA ARBORESCENS

**SIBERIAN PEA TREE**—Bush, dwarf tree reach 12 to 15 foot at maturity. Heavy, fine foliage, with masses of yellow flowers in late May and early June. May be used for hedging. (Each 50c).

#### DOGWOOD

**CORNUS—Alba Siberica (Coral Dogwood)**—(8 to 12 ft.). Has clusters of fine white flowers, succeeded by a fall crop of ornamental berries; stem and branches blood red. (Each 60c) (3 for \$1.65).

**STOLONIFERA LUTEA—Goldentwig**—(8 to 10 ft.). A handsome shrub with beautiful distinct yellow bark. Splendid for winter effect. (Each 60c) (3 for \$1.65).

#### FLOWERING CRABS

**BECHTEL'S DOUBLE FLOWERING**—A low, bushy tree, the most beautiful of all the fine varieties of Flowering Crabs. At a distance the tree seems to be covered with dainty little roses of a delicate pink color. Blooms when quite young. The flowers are exceedingly fragrant. 2 to 3-foot tree. (Each \$1.50).



Mock Orange

#### FLOWERING PLUMS

**PRUNUS—Cistena (Purple Leaved Plum)**—A dwarf hardy variety with rich purple red foliage. Covered in spring with beautiful white flowers, later with wine red fruit. (Each 90c).

**TRILOBA (Flowering Plum)**—A handsome, hardy, vigorous large shrub or small tree. The flowers appear very early in the spring and are very double and of a beautiful light pink. (Each 90c).

**PRUNUS PADUS—(May Day Tree)**—In early spring, before other trees are budded, it is profusely covered with long, snow-white, very fragrant flowers. Blooms are fine for cutting. Later small edible fruits make good jelly. Grows rapidly and may be trimmed for street or lawn shade tree or left in bush form, perfectly hardy. (Each 90c).

**PRUNUS TOMENTOSA—(Nanking Cherry)**—Extremely hardy, beautiful in foliage, of rapid growth, producing flowers of pure white in large clusters, and bearing great loads of brightest red berries throughout the fall and most of the winter. Good for border, corner plantings or for specimens. Grows to a mature height of about 6 feet. (Each 90c).

#### FORSYTHIA

Forsythias are among the showiest spring-blooming shrubs. They are not particular as to soil.

**FORTUNEI**—(10 to 12 feet). Strong, erect habit; bright golden-yellow flowers in early spring. (Each 50c) (3 for \$1.35).

#### HANSEN'S BUSH CHERRY

The Bush Cherry combines two useful qualities, a beautiful ornamental shrub that produces delicious, wholesome fruit. In early spring is a mass of snow-white flowers followed by plum-shaped sweet cherries. Foliage is silvery green turning to rich red and gold in the fall. (Each 60c, 3 for \$1.65).

Available in spring only, ready for shipment March 20th.



## Flowering and Ornamental Shrubs

### HONEYSUCKLE

**LONICERA—Tatarica Rosea—(Pink Tatarian—(8 to 10 ft.).** A hardy, vigorous grower. With pink flowers in April or May. Red fruit. (Each 50c) (3 for \$1.35).

**TATARICA RUBRA (Red Tatarian)—(6 to 8 ft.).** Very hardy and upright with rosy-pink flowers in April. Bright red fruit. (Each 50c) (3 for \$1.35).

### HYDRANGEA

**ARBORESCENS GRANDIFLORA—Snowball—(3 to 6 feet).** Hardy shrub with snow-white blossoms of largest size from early June until late July. Thrives in shady places. (Each 90c) (3 for \$2.50).

**PANICULTA GRANDIFLORA — Peegee — (8 to 10 feet).** A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades in autumn. Plant in shade. (Each 90c) (3 for \$2.50).

### JAPAN QUINCE

**CYDONIA JAPONICA—Flowering Quince—(5 to 6 feet).** Very early in spring this fine old shrub is completely covered with dazzling scarlet flowers; followed by small, quince-shaped fruits, which are quite fragrant. Growth bushy with protecting thorns. (Each 60c) (3 for \$1.65).

### LILAC (Syringa)

Probably one of the most popular ornamental shrubs. They thrive in fertile rather moist soils.

**CHINESE, ROTHOMAGENSIS—(8 to 10 feet.)** Generally grown and sold for Persian Lilac. Upright, vigorous grower. Reddish purple flowers April and May. One of the best for general planting. (Each 60c) (3 for \$1.65).

**VULGARIS OR COMMON—(12 to 15 feet.)** Hardy popular shrub that blooms freely. Single flowers in large panicles during April and May.

**PURPLE—Single flowers of deep lavender.** (Each 50c) (3 for \$1.35).

**WHITE—Flowers creamy white, make a beautiful contrast when planted with the purple variety.** (Each 50c) (3 for \$1.35).

**DR. BREITENSCHNEIDER—(8 to 10 ft.).** Hardy upright grower having large attractive leaves. Of the Villosa type, blooms late with beautiful lavender flowers. (Each 75c) (3 for \$2.10).

### MOCK ORANGE

**PHILADELPHUS—Coronarius—Sweet Syringa—(8 to 10 feet).** A well-known shrub with pure white, sweetly scented flowers, blooming in May. (Each 50c) (3 for \$1.35).

**VIRGINAL—(7 to 8 feet).** Loaded down with beautiful fragrant semi-double flowers over a long season, beginning in May. (Each 75c) (3 for \$2.10).

**BOUQUET BLANC—(4 to 5 ft.).** Has close set branches of fragrant double white flowers with rich green foliage, blooms in late May and early June. (Each 75c) (3 for \$2.10).



Beauty Bush

### SUMAC

**RHUS TYPHINA LACINATA—Stag Horn Sumac—(10 to 12 feet).** One of the best species for mass or other planting on account of its deeply cut, beautiful fern-like leaves. Its flowers are borne during June and July in dense, terminal panicles, followed by impressive dark red fruits. (Each 50c) (3 for \$1.35).

### SNOWBALL

**VIRBURNUM—Opulus Sterilis—Common Snowball—(10 to 12 feet).** A well-known favorite shrub, with globular clusters of white flowers the latter part of May. (Each 70c) (3 for \$1.90).

**OPULUS—Highbush Cranberry—(10 to 12 feet.** The white flowers in June are followed in autumn by bright scarlet berries which are very attractive until very late winter. (Each 70c) (3 for \$1.90).

**VIBURNUM LANTANA—Wayfaring Tree—(10-15 ft.).** Tall upright shrub with attractive deep green leaves; has single white flowers in May. Bears clusters of bright red berries during the summer changing to black in the fall. (Each 70c) (3 for \$1.90).

### SNOWBERRY

**SYMPHORICARPOS RACEMOSUS—Common Snowberry—(3 to 5 feet).** Has attractive green foliage with pink flowers in June or July; followed by large clustered, white fruits which remain far into winter. (Each 50c) (3 for \$1.35).

**VULGARIS—Coralberry—(4 to 6 feet).** This compact, rapidly growing shrub is wonderfully attractive with its dark, close-set foliage and clusters of red berries massed along the drooping branches. Berries adhere until late winter. (Each 50c) (3 for \$1.35).

### SPIREA

**ANTHONY WATERER—(3 to 4 feet).** Low, compact growing shrub, covered in July with flat heads of rosy crimson flowers. If cut they will bloom until frost. Makes a nice hedge. (Each 50c) (3 for \$1.35).

**ARGUTA—Garland Spirea—(5 to 6 feet).** Upright, hardy shrub, small light green leaves covered with single white flowers in April or May. (Each 50c) (3 for \$1.35).

**BILLARDI—Billiard Spirea—(5 to 6 feet).** Has dense spikes of rose-pink flowers that crown sparsely twigged erect branches. For shrubbery groups, natural plantings and moist places. (Each 50c) (3 for \$1.35).

**FROEBEL—(4 feet).** Vigorous and spreading grower with bright pink flowers in May and June. Has purplish tips in the spring and beautiful autumn colors. (Each 50c) (3 for \$1.35).

**VAN HOUTTE—Bridal Wreath—(5 to 6 feet).** Well known, popular shrub with graceful habit of growth. Pure white flowers in April.

2 to 3-foot shrubs: (Each 50c) (3 for \$1.35).

3 to 4-foot shrubs: (Each 60c) (3 for \$1.65).

### TAMARIX

**HISPIDA—(15 to 20 feet).** Strong, slender, tall-growing, irregular shrubs, with feathery foliage and small, delicate flowers borne profusely on gracefully bending branches. These pink flowers are very attractive during May. (Each 50c) (3 for \$1.35).

### WEIGELIAS

Coarse, thrifty shrubs for medium and back rows. Their delightful bloom period ranging from May into July. The flowers are stemless bells strung along the arching canes in clustered profusion.

**EVA RATHKE—(4 to 5 feet).** The most distinct and one of the most attractive varieties; flowers deep carmine red. (Each 75c) (3 for \$2.10).

**ROSEA—(6 to 8 feet).** Most popular of all; tall growing, vigorous, with deep pink flowers. (Each 60c) (3 for \$1.65).

All Prices on This Page Are Postpaid

Available in spring only, ready for shipment March 20th.



## Plants for Hedges and Screens

For a nice ornamental hedge plant 12 to 18 inches apart. For a real pretty effect plant in double row, 10 inches apart and alternate the plants. To make a close hedge, cut back the plants the first and second years, in order to start many shoots.

**AMOR RIVER PRIVET**—Foliage glossy green and almost evergreen; plants of dense upright habit, very hardy; useful in shaded places. Also suitable for background against foundation walls and groups on the lawn. (25 to bundle \$3.50) (100 for \$12.00) f.o.b. Denver.

**JAPANESE BARBERRY**—For a low hedge this is the ideal plant. The thorny branches grow so dense as to make an almost impenetrable hedge. Used extensively for bordering lawns and dividing properties. (25 to bundle \$4.00) (100 for \$15.00) f.o.b. Denver.

**SPIREA VANHOUTTE**—Beautiful in or out of bloom, and the medium tall, broad, compact screen it makes is protective as well as ornamental. It is always hardy, growing anywhere and will do well in partial shade. Even when trimmed and kept low, it is a splendid hedge, dense to the ground. 18 to 24-inch shrubs. (25 to bundle \$3.50) 100 for \$12.00) f.o.b. Denver.



## Hardy Climbing Vines

**AMPELOPSIS VEITCHI**—Boston Ivy—This is one of the finest hardy climbers we have for covering walls, as it clings firmly to the smoothest surface, covering closely with overlapping foliage. The color is a fresh deep green in summer, changing to the brightest shades of crimson and yellow in autumn (Each 75c) (3 for \$2.10).

**CLEMATIS JACKMANI** (Large Flowered Variety)—It is a strong grower, and produces a mass of intense violet-purple flowers from July on. They delight in rich soil and sun. (Each \$1.25) (3 for \$3.50).

**CLEMATIS PANICULATA** (Small Flowered Variety)—A valuable climber literally covered with white fragrant flowers in September. (Each 75c) (3 for \$2.10).

**CINNAMON VINE**—Perfectly hardy, thrives everywhere in sun or shade, and when once planted will grow a lifetime and be a constant delight. Will grow 30 feet in a single season. Plant any time from early spring up to July 15. (Bulbs 3 for 50c) (12 for \$1.50).



JACKMANI CLEMATIS

**HONEYSUCKLE (Gold Flame)**—Blooming from early summer until killing frost. Showy tubular flowers, with recurving petals, flame red outside, bright yellow inside. Very fragrant and hardy. (Each 75c) (3 for \$2.00).

**Japonica Halleana**—Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. (Each 50c) (3 for \$1.35).

**Scarlet Trumpet**—A hardy sweet scented high-climbing variety. Dark green foliage with scarlet trumpet shaped flowers. (Each 50c) (3 for \$1.35).

**MADERIA VINES — Climbing Mignonette**—A beautiful vine, covering a large space in a short time. Heart-shaped light green leaves and clusters of pure white fragrant flowers. (Bulbs, 3 for 50c) (12 for \$1.50).

**SILVER LACE VINE (Polygonum Auberti)**—A hardy quick growing vine, doing well in almost any situation. Covered in late summer and fall with mass of creamy-white sprays. (Each 75c) (3 for \$2.10).

**TRUMPET VINE (Bignonia Radicans)**—Very hardy and rapid grower. Used for covering unsightly places, stumps, or wherever a showy flowering vine is desired. Produces clusters of trumpet-shaped, orange-scarlet flowers about 3 inches long. (Each 50c) (3 for \$1.35).

**WISTERIA (American Purple)**—A tall, vigorous, rapid climber. Has lilac-purple, pea-shaped flowers in June. (Each 50c) (3 for \$1.35).

Hardy Climbing Vines Priced Postpaid.

Available in spring only, ready for shipment March 20th.





Mixed Gladiolus

### Popular Named Gladiolus

- ALBATROSS**—Large pure white.  
**BLUE ADMIRAL**—Deep Violet Blue.  
**DR. DURR**—White with cream throat. Very early.  
**DUNA**—Soft light pink buff.  
**MARMORA**—A giant lavender-gray, with bright red blotches.  
**OUR SELECTION**—A striking salmon-red, overlaid with slate.  
**PEGGY LOU**—Lovely soft blue toned pink.  
**PICARDY**—Soft shrimp pink.  
**RED PHIPPS**—Florets not so large as Phipps and not so many open, but earlier. Color a glowing red.  
**YELLOW PERFECTION**—Large Yellow. Good spike.  
**Prices on the above varieties: (3 for 25c) (Doz. 90c).**

**PERFEGRO MIXTURE OF FINE GLADIOLUS**—This wonderful mixture of Gladiolus contains all the latest flowering type; with every color of the rainbow. (50 bulbs for \$1.75).

### Large-Flowering Cannas

For best results, plant about the end of May in beds, spaded two feet deep, enriched with well-decayed manure. Water sparingly for first two weeks after planting, thereafter water liberally.

- AMBASSADOR**—(4 feet). Brilliant rich cherry-red flowers with foliage and stalks bronze.  
**HUNGARIA**—(4 feet). One of the very best pink bloomers, green foliage.  
**KING HUMBERT**—(4 feet). The best bronze-leaved variety. Flowers orange-scarlet, flecked with carmine; rose tinted margin and base.  
**EUREKA**—(4 feet). Green foliage, one of the best white flowers.  
**THE PRESIDENT**—(5 feet). The best green-leaved Canna grown. Flowers glowing scarlet.

**YELLOW KING HUMBERT**—(4 feet). Green foliage with brilliant yellow flowers.

**Prices on the above Cannas: (3 for 50c) (Doz. \$1.25).**

**MIXED CANNAS**—All colors, but not labeled. (\$1.25 per doz.).

## Gladiolus

The Gladiolus is the most attractive of all the summer flowering bulbs; it should have a place in every garden, large or small. For a succession, plant from April till June. Plant 6 inches apart and 4 inches deep. They will grow and bloom in any soil; we have never known anyone to fail with them.

The following list represents the best of both new and old favorites, both as to range of color and size of blooms. All bulbs offered by us are Colorado grown, of blooming size and are sure to give complete satisfaction.

### Twelve Superb Modern Gladiolus

- COLONIAL MAID**—White overlaid with lavender.  
**EARLY DAWN**—Geranium Pink.  
**EXCELLENCE**—A deep orange vermillion.  
**GATE OF HEAVEN**—Rich deep yellow.  
**GOLDEN CHIMES**—Large clear pure yellow.  
**KING ARTHUR**—Deep rose lavender, ruffled.  
**LADY MARIE**—Early soft pink with white throat.  
**MAUVE MAGIC**—Large clear mauve.  
**MAID OF ORLEANS**—Creamy white.  
**PHYLLIS McQUISTON**—Pure pink.  
**RED LORY**—Carmine rose, darker blotches.  
**SMILING MAESTRO**—Salmon orange.

**Prices on the above varieties: (2 for 25c) (Doz. \$1.25).**

## Beautiful Peonies

Chinese Peonies are very desirable on account of their large size, fine colors and profuse blooming. They are perfectly hardy and will succeed in any ground unless so wet the water stands on the surface in the winter and spring. Avoid planting too deeply, as this is often the cause of shy blooming; 2 inches of soil over the crown (eyes) being sufficient.

### White Varieties

- FESTIVA MAXIMA**—Early; pure white, prominently flecked crimson.  
**MME. DE VERNEVILLE**—Blossoms of purest white.

**Prices on the above: (Each 60c) (3 for \$1.50) Postpaid.**

### Pink Varieties

- EDULIS SUPERBA**—Bright, clear mauve-pink. Early.  
**PINK GIANT**—Extra large brilliant pink.  
**FLORAL TREASURE**—Very large, full flowers of clear even pink, blooming on long stems. Unusually fragrant, unique and charming. Early mid-season.

**Prices on the above: (Each 60c) (3 for \$1.50) Postpaid.**

### Red Varieties

- FELIX CROUSSE**—Brilliant, dazzling ruby-red. Mid-season.  
**KARL ROSEFIELD**—Dark velvet crimson. Mid-season.  
**PRESIDENT ROOSEVELT**—Brilliant deep red, good bloomer. Mid-season.  
**VICTORY**—Large vivid red.

**Prices on the above: (Each 60c) (3 for \$1.50) Postpaid.**

## Hardy Lilies

**REGAL LILY (Lilium Myriophyllum)**—Flowers white, slightly suffused pink, with a beautiful shade of canary yellow at the center. Delightfully perfumed, reminding one of the Jasmine. Blooms out of doors early in July. Absolutely hardy. (2 bulbs for 40c).

**TIGER LILY (Tigrinum Splendens)**—Single. They flower in late summer and fall and will do well in most any location and soil. The flowers are bright deep orange with reflex petals, and are borne in large clusters on plants 3 to 5 feet high. Stem rooting; plant bulbs 9 inches deep. (2 bulbs for 35c).





Cactus Dahlia

- AVALON (D)**—Pure clear yellow. (Each 35c).  
**BASHFUL GIANT (D)**—Apricot with golden shadings. (Each 35c).  
**BELLE OF DAHLMORE (D)**—Fawn-pink with violet shadings. (Each 50c).  
**BON TON (S)**—Deep garnet-red, ball shaped flowers. (Each 35c).  
**CHAMPAGNE (D)**—Orange ball suffused with a shading of pink. (Each 35c).  
**CHEMARS EUREKA (D)**—Large white. (Each 50c).  
**CRIMSON KING (D)**—A giant crimson red with fine long stems. (Each 35c).  
**DAHLMORR SUNSET (D)**—Rich apricot with bronze shadings. (Each 50c).  
**DAINTY (C)**—Rosy pink, shaded to pale lemon. (Each 35c).  
**D. M. MOORE (S)**—Deep velvety maroon. (Each 35c).  
**DREER'S WHITE (S)**—Pure white. (Each 35c).  
**EDNA FERBER (C)**—Coral shading to old gold. (Each 50c).  
**ELSIE BONNELL (C)**—Dark red. (Each 35c).  
**INYKO (HC)**—Nearly black with many incurved petals. (Each 50c).  
**JANE COWL (D)**—Buff and old gold blending to apricot and rose. (Each 50c).  
**KEMP'S WHITE WONDER (HC)**—Large pure white. (Each 50c).  
**LA GRAND MANITOU (D)**—Purple mottled with crimson. (Each 35c).  
**MRS. C. D. ANDERSON (S)**—Rich clear purple. (Each 50c).  
**MRS. I. DE VER WARNER (D)**—Mauve pink. (Each 35c).  
**MRS. THOS. BURCH (D)**—Rich old gold shaded with pink. (Each 35c).  
**PINK JERSEY BEAUTY (D)**—Rose pink. (Each 35c).  
**PURPLE GEM (S)**—Rich royal purple. (Each 35c).  
**RED JERSEY BEAUTY (D)**—Bright red and similar in shape to Pink Jersey Beauty. (Each 35c).  
**ROSE FALLON (D)**—Shades of amber, russet and salmon. (Each 50c).  
**ROSE GLORY (D)**—Large rose pink, extremely free blooming. (Each 35c).  
**SANHICAN'S PEACH (D)**—A reddish salmon with yellow shadings. (Each 50c).  
**STRADELIA (S)**—Large purple flowers. (Each 35c).  
**UNCLE SAM (PF)**—Orange buff. (Each 35c).  
**WHITE KING (D)**—Pure white. (Each 50c).  
**YELLOW GIANT (D)**—Large flower of beautiful lemon yellow. (Each 35c).

## Dahlias

Dahlias can be grown in any good soil but they will succeed best in an open sunny location. Plant when ground is warm and all danger of frost is past. Plant the bulbs 3 inches deep, laying the tuber on its side. Keep soil loose and mellow by frequent hoeing, drawing the soil to a slight hillock around the plants. 3 feet by 3 feet is about the proper distance to plant apart. After frost has killed the top, dig the tubers carefully; remove the soil from the roots and store in box or barrel secure from frost. As a precaution it is well to cover the tubers, so stored, with sand, leaves or moss. All clumps should be divided into several pieces before being reset the following spring.

The "Decorative" types are characterized by gracefully formed flowers of large size with broad petals, being intermediate in form between the compact "Ball" sorts, which are nearly round, and the "Cactus" varieties, which have loosely formed blossoms with long twisted petals.

The Peony-Flowered are of large size, with broad petals, artistically curled and twisted.

Key—C, Cactus; HC Hybrid Cactus; D, Decorative; S, Show; PF, Peony Flowered.

### No. 1—Special Dahlia Collection

This collection is made up of our regular First Class bulbs only. No two alike. A wonderful assortment of 12 bulbs for \$1.50.

### No. 2—Fancy Dahlia Collection

No two alike—6 bulbs for 90c.

## Pompon Dahlias

These grow about 3 feet tall with small, formal flowers; excellent for cutting.

- CHEER BOY**—Purple tipped with white. (Each 35c).  
**LITTLE WHITE FEATHER**—Pure white. (Each 35c).  
**PENNY WINK**—Mallow pink. (Each 35c).  
**RED PAPOOSE**—Vivid red. (Each 35c).  
**SHAWNEE PAPOOSE**—Copper red shaded to amber (Each 35c).  
**SUNDANCE PAPOOSE**—Canary yellow tipped with cherry. (Each 35c).



Decorative Dahlia



**DOGZOFF**—If you wish to keep the dogs away from trees or flower beds off porches or furniture, simply spray Dogzoff. One application lasts several weeks.

Price: 4 oz. size, 60c, postpaid

All Prices on This Page Are Postpaid



## Perennials

### Hardy Perennials, Alpines and Rock Garden Plants

Varieties starred (\*) are fine for Rock Gardens.

These can be used to best advantage in groups and beds on the lawn, as borders for drives, walks, or in front of shrubbery, in the garden. Some of the tall-growing sorts may be planted in among the shrubbery with good effect. Soil should be kept well fertilized. A light covering of coarse, strawy manure or something that will not pack is beneficial in winter.

Ready for delivery during April and early May. All are strong, healthy roots. No plants sent C.O.D.



**\*BLEEDING HEART, FERN LEAVED (Eximia)**—12 inches. Attractive fern-like leaves; lovely pink flowers all summer. Grows in sun or shade. (Each 35c) (3 for 90c).

**BLEEDING HEART, OLD FASHIONED**—2 ft., graceful, heart-shaped pink flowers in April-May. Prefers partial shade. (Each 60c) (3 for \$1.65).

**CAMPANULA, CANTERBURY BELLS**—2 ft. Large, bell-shaped flowers in May-June. Blue, pink or white. (Each 25c) (3 for 65c).

**CARNATION, HARDY GRENADIN**—18 inches. Produces lovely, fragrant flowers from June to August. Your choice of red, pink and white. (Each 35c) (3 for 90c).

#### HARDY CHRYSANTHEMUMS

The following varieties of Mums are especially adapted for cold climates. They are hardy, early blooming and most attractive in color. We offer the following varieties that will bloom before frost in our climate.

**ALGONQUIN**—21-inch. Double yellow.

**AMELIA (Pink Cushion)**—18 inch. Lovely pink.

**ARAPAHOE**—18 inch. Double bronze.

**ABSAROKA**—30 inch. Single pink.

**CLARA CURTIS**—24 inch. Single pink flowers, 2 inches across.

**CRIMSON GLORY**—18 inch. Crimson-maroon, button type.

**CRIMSON SPLENDER**—24 inches. Large single flowers of garnet red.

**DAZZLER**—30 inch. Single flowers of golden bronze.

**EARLY BRONZE**—18 inch. Double bronze, pom-pom type.

**ELKTON**—20 inch. Semi-double blush lavender.

**EVELYN**—20 inch. Dwarf double pink.

**GANNA**—30 inch. Mallo pink, single flowers.

**KING MIDAS**—30 inch. Double large yellow.

**LORELIE**—20 inches. Double yellow.

**MANANTICO**—18 inch. Single deep rose.

**MRS. P. S. DuPONT**—20 inch. Soft peach, pom-pom type.

**POHATCONG**—18 inch. Double lavender rose.

**PINK TIDE**—24 inch. Single pink, large flowers.

**OGALLALA**—30 inch. Reddish bronze, double daisy.

**OSAGE**—18 inch. Dwarf double pink daisy type.

**SEMINOLE**—18 inch. Double white with cream centers.

**SUNNY BOY**—24 inch. Early yellow pom-pom type.

**UINTAH**—18 inch. Semi-double white.

**WHITE GULL**—15 inch. Early double white.

(Each 35c) (3 for 90c).

**\*COLUMBINE (Aquilegia)**—We offer only the True Rocky Mountain Columbine—the State Flower of Colorado. Do best in partially shaded place. Sepals deep blue with white petals. (Each 35c) (3 for 90c).

**COREOPSIS**—18 inches. Bright yellow flowers all summer. (Each 35c) (3 for 90c).

**DAISY, SHASTA (Alaska)**—2 feet. Large white flowers. (Each 35c) (3 for 90c).

**DELPHINIUM (Belladonna)**—Long spikes of light blue flowers. 4 feet.

**Bellamosa**—Same as above but deep blue flowers.

**Gold Medal Hybrids**—Choice range of colors through the blue shades to red and orchid casts. (Each 35c) (3 for 90c).

**DIANTHUS, HARDY, OLD - FASHIONED CLOVE PINKS**—15 inches. Lovely pink flowers with a spicy fragrance produced all summer. (Each 35c) (3 for 90c).



Pinks, Dianthus

**DIGITALIS (Foxglove)**—5 to 6 ft. Most attractive for the border or woodland garden. Colors ranging from white and shell-pink to deepest rose, many dotted with crimson. (Each 35c) (3 for 90c).

**FERNS, HARDY OUT-DOOR MIXED OR OSTRICH PLUME**—2 ft. Plant in shade. (Each 35c) (3 for 90c).

**GAILLARDIA, HYBRIDS**—3½ feet. Much better than common Gaillardia. Flowers are larger and brighter blend of red and gold. Blooms freely from June to frost. (Each 35c) (3 for 90c).

**GYPSOPHILIA, PAN (Baby's Breath)**—2-3 feet. Great masses of small, pure white flowers in July and August. Fine for winter bouquets. (Each 35c) (3 for 90c).

**HOLLYHOCKS, IMPROVED DOUBLE**—6-7 feet. An improved strain with exquisite double flowers in the loveliest colors. Your choice of Scarlet, White, Yellow and Pink. (Each 35c) (3 for 90c).

**LILY OF THE VALLEY**—8 inches. Everybody loves this fragrant white flower. Grows in sun or shade, even right under trees. (Clumps each 40c) (3 for \$1.10).

**LUPINS**—Foot-long spikes of pea-shaped flowers on 3-foot stems. Many of the flowers are quite fragrant. The colors are white, pink, rose and blue. Early June. (Each 35c) (3 for 90c).

**THE RUSSELL LUPINS**—New English Hybrids. New colors and combinations of color. The size of the florets, their number on a spike, and the length of the spikes are much larger. (Each 50c) (3 for \$1.35).

All Prices on This Page Are Postpaid



## Hardy Perennial Plants—(Continued)

Varieties starred (\*) are fine for Rock Gardens

**\*PANSIES**—We grow large quantities of Pansy plants from seed imported from the best Pansy specialists of Europe and at home, and if well cared for they will produce blooms of finest colors, from 2 to 3 inches across. In ordering Pansy plants, we would advise, where possible, that they be sent by express. Ready about April 1. (Doz. \$1.00). Postpaid.



Phlox

**PHLOX**—Full sun, plenty of water, and soil that is not too heavy and they will repay you famously. Your choice of:

**B. COMPTE**—Rich, satiny amaranth.

**CHAMPS ELYSEE**—Rich purple.

**ECLAIREUR**—Large rosy lavender.

**F. G. VAN LASSBURG**—Tall white.

**RIJNSTROM**—Rose pink.

**R. P. STRUTHERS**—Rosy Carmine, dark eye. (Each 35c) (3 for 90c).

**\*PHLOX, SUBULATA (Creeping Moss Pink)**—4 inches. Completely covered with blooms in April-May. Moss-like evergreen foliage. For rock gardens, borders, for carpeting the ground and banks. Bright pink. (Each 35c) (3 for 90c).

**PLATYCODON (Balloon Flower)**—18-24 inches. All summer it produces its lovely bell-shaped flowers on long stems. Your choice of Blue or White. (Each 35c) (3 for 90c).

**\*PYRETHRUM (Painted Daisy)**—2 ft. This popular plant produces its lovely flowers in spring and early summer. Finely cut foliage. Your choice of red, rose and white. (Each 35c) (3 for 90c).

**\*STATICE LATIFOLIA (Sea Lavender)**—2 feet. Immense heads of small violet-blue flowers in July and August. Make fine winter bouquets. Plant in full sunshine and in light soil. (Each 35c (3 for 90c).

**SWEET PEA, PERENNIAL**—Train this climber on a trellis, fence or bank, it will produce its lovely flowers all summer. New growth from the roots each year. Your choice of red, pink and white. (Each 35c) (3 for 90c).

**\*SWEET WILLIAM**—12 inches. Sweet, clove-scented flowers in great profusion during May and June.

**RED EVERBLOOMING**—Dark red.

**PINK BEAUTY**—Bright pink.

**CALICO HYBRIDS**—Mixed colors.

(Each 35c) (3 for 90c).

**TRITOMA, RED HOT POKER**—3 ft. Bright orange-scarlet blooms borne on stems 3 feet tall in August-September. Protect over winter or dig up and put in sand in cool cellar over winter. (Each 35c) (3 for 90c).

**\*VIOLA CORNUTA, TUFTED PANSY**—Blooms from April to October, if the plants are kept sheared so they do not go to seed. Mixed colors. (Each 35c) (3 for 90c).

**VIOLETS**—Large flowering blue. (Each 25c) (3 for 65c).

### TALL BEARDED IRIS

Bearded irises are the best known of the garden sorts. They are plants of varying stature and size, but all characterized by stout rhizomes, more or less evergreen foliage and brilliant flowers in many shades, each flower bearing on the falls a linear beard of various colors, though commonly yellow. Are of easy culture, prefer shallow planting in sunny well drained locations in a deep, well worked soil.

**ALLURE**—40 in. A delightful soft peaches and cream blend.

**AL-LU-WE**—40 in. Metallic bronze standards and red toned falls.

**ALTA CALIFORNIA**—48 in. One of the tallest and finest of the new yellow irises.

**AMMON**—46 in. Very early, tall sky blue.

**ANDANTE**—36 inch. One of the best rich red-purples.

**CRYSTAL BEAUTY**—40 in. Early tall white.

**CINNABAR**—42 in. Uniform rich velvet dark red tone.

**CCNSTANCE MEYER**—40 in. Excellent pink tone.

**DAUNTLESS**—40 in. One of the finest and purest red tones.

**DAZZLER**—30 in. A beautiful rose.

**DOLLY MADISON**—36 in. Soft pastel blend of blue and rose with deep orange beard.

**DON JUAN**—40 inch. Rich garnet red.

**DYMIA**—38 in. A handsome new dark purple, almost black.

**EREBIAN**—40 in. Rich glowing velvety Bordeaux red.

**HAPPY DAYS**—44 in. Large medium yellow.

**JUNALASKA**—40 in. Iridescent copper-red bicolor.

**M. A. PORTER**—36 in. Deep rich violet.

**MRS. MARION CRAN**—48 in. A tall pink toned iris.

**RED DOMINION**—42 in. Clear lustrous red toned.

**SIMONE VAISSIERE**—36 in. Azure blue standards with deep blue falls.

**SHINING WATERS**—44 in. Sparkling soft blue.

**TALISMAN**—38 in. Delightfully fragrant, talisman rose colors.

**TRAIL'S END**—38 in. A delightful strawberry red.

**VALOR**—50 in. Blackish blue-violet.

**WASATCH**—50 in. Hugh white with a feather stitched blue border.

(Each 25c) (5 for \$1.00).

Available in spring only.



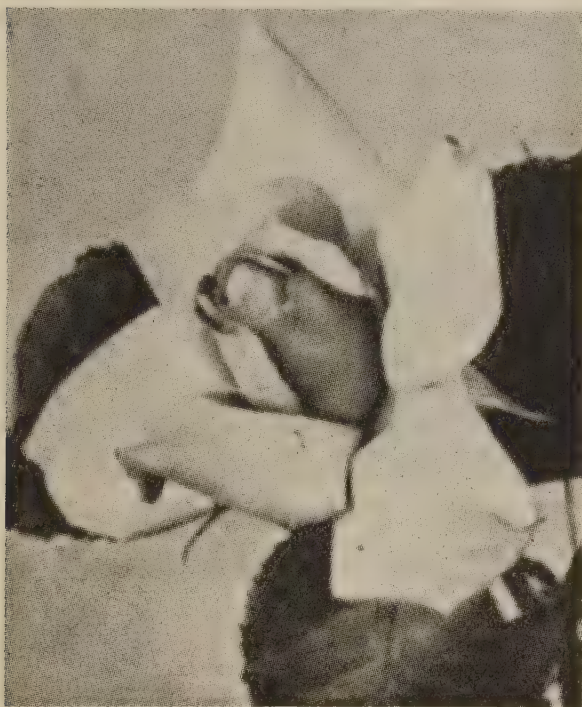
## Hardy Everblooming Roses

Roses are ready for delivery March 20th.

### OUR BUSHES ARE ALL HARDY TWO-YEAR-OLD, FIELD GROWN STOCK

The following list is composed of new and sensational roses, all of considerable merit. Also more established and better known varieties.

Any One of the Following Prepaid—Each 85c; 5 for \$4.00



Editor McFarland

**AMERICAN BEAUTY**—(Hybrid Perpetual)—Popular, fragrant, deep pink shaded soft carmine.

**AMI QUINARD**—Deep velvety crimson, fragrant and very lasting. Color almost black.

**AUTUMN**—Double blooms of rich burnt orange, yellow and red.

**BRAZIER**—The flaming-scarlet double flowers have an entrancing undertone of orange, buds are nearly burnt orange; long stem flowers with fine foliage.

**BRIARCLIFF**—Extra large, perfectly formed exquisite deep rose-pink blossoms, lighter shade on outer petals with touch of citron-green at base.

**BRIGHT WINGS**—A two-toned rose with beautiful buds of rosy burnt-orange color opening to a 4 to 5 inch flower turning coral pink showing golden anthers in center.

**CHRISTOPHER STONE**—The buds are long and pointed, opening to semi-double flowers of vivid scarlet overlaid with velvety crimson. The plant is vigorous with good clean bright foliage.

**CONDESA DE SASTAGO**—A marvelous colored rose with large, cupped flowers of fiery coppery red inside and rich yellow outside.

**DAME EDITH HELEN**—Soft even-tone pure pink, intense old rose fragrance, flowers very double and large size.

**DUQUESA DE PENARANDA**—A popular variety, large pointed buds of copper-apricot with tall shapely plant, glossy foliage, very healthy.

**EDITOR MCFARLAND**—Exceptionally fine brilliant pink blooms suffused with yellow at base.

**E. G. HILL**—Buds ideal, long and pointed on good stout stems, open into a full double bloom of crimson scarlet which retain their color until petals fall.

**FRAU KARL DRUSCHKI**—(Hybrid Perpetual)—Large, snow-white, double, perfectly formed flowers.

**GRENOBLE**—Velvety crimson buds, opening to brilliant red flowers. Vigorous grower and continuously in bloom.

**HEINRICH GAEDE**—A spectacular flower of luminous vermillion shaded golden yellow.

**JOANNA HILL**—Light yellow with reverse of petals somewhat darker with a reddish tone.

**K. A. VICTORIA**—In bud form the color is cream white but the open flower is snow-white with a tint of lemon at the center.

**MME. JOSEPH PERRAUD**—Bi-color, long slender buds of nasturtium orange opening to sweetly fragrant flowers of nasturtium-buff with a tint of pale pink at the petal edges.

**MME. JULES BOUCHE**—Vigorous plants bearing a profusion of glistening white, medium sized blossoms.

**MARGARET MCGREDY**—Large double flowers of superb form and color. They open vivid scarlet and turn a remarkable shade of brick-red as they develop.

**MCGREDY'S IVORY**—Long pointed ivory buds open carefully to a perfectly formed flower of creamy white with a touch of yellow at the base of the flower.

**MCGREDY'S SCARLET**—Large, perfect blooms of vivid luminous carmine red.

**MCGREDY'S YELLOW**—This rose is pure buttercup yellow, perfect form and with the great fragrance of the Irish roses.

**MRS. SAM MCGREDY**—Beautiful scarlet-copper orange flowers, heavily flushed with red on outside of petals, moderately fragrant, a profuse continuous bloomer and very hardy.

**PICTURE**—Velvety clear rose pink with undertones of salmon; flowers very double.

**PINK RADIANCE**—The buds are rose-pink opening into large pink blooms with a lighter tint on the reverse of the petals.

**PRES. HERBERT HOOVER**—The large semi-double blooms are a combination of cerise-pink, flame, scarlet and yellow.

**RED RADIANCE**—Blooms are of deep rose red.

**RED TALISMAN**—A sport from the regular Talisman, flowers identical in shape and size but color deep red.

**ROSLYN**—Flowers large double, deep golden yellow, foliage dark glossy green; vigorous grower.

**SNOWBIRD**—Most prolific, pure white bedding rose, full petaled and perfectly formed.

**SOEUR THERESE**—A fine free blooming and pleasing deep yellow; very vigorous.

**SOUV. DE CLADIUS PERNET**—The first pure yellow rose and still liked for exhibition and cutting.

**TALISMAN**—Red and gold buds opening to scarlet orange and rich yellow.

**TEMNO**—A desirable dark maroon-red with velvety tones.

**THE DOCTOR**—Large, beautiful buds opening to enormous semi-double, cupped flowers of satiny-pink. Fragrant. Plant vigorous and bushy.

**VICTORIA HARRINGTON**—Pointed buds of blackish red slowly opening to finely formed flowers of non-fading velvety red.

**YELLOW SASTAGO**—A very full and glowing open yellow rose; a sport from Condesa de Sastago.

**CAUTION**—Unpack plants immediately upon arrival and place in container of water over night. Not longer. Plant out immediately if possible. Rose Bushes should be cut back to not more than six or eight inches above the ground. Do not use any fertilizer at time of planting. See planting instructions.

## WINTER CARE OF ROSES

Before the ground freezes in fall, mound the earth up around the stems of all Bush roses to a height of 12 inches. Wrap the tops well with leaves and burlap.

Available in spring only.



## Patented Roses

### Hybrid Teas

**CALIFORNIA**—(Pat 449)—Ruddy-orange toned with saffron-yellow, with exterior of the broad petals overlaid with Saturn rose—a dual tone effect of richness and beauty. Long pointed buds opening to flowers of enormous size. (Each \$1.50).

**CHARLOTTE ARMSTRONG** — (Pat. 455) — Unique color with long slender blood-red buds opening to magnificent brilliantly colored open flowers, spectrum-red in cool weather, cerise in hot weather. (Each \$1.25).

**COUNTESS VANDAL**—(Pat 38)—Long pointed bud and a high-centered fragrant flower of coppery-bronze suffused with soft gold, developing added beauty during its long life. (Each \$1.00).

**CRIMSON GLORY** — (Pat. 105) — Large urn-shaped buds opening into full well formed blooms of deep vivid crimson with velvety nap shaded ox-blood red. Delightfully fragrant. (Each \$1.25).

**HEARTS DESIRE**—(Pat. 501)—The color is a pure even shade of luminous red, without any shadings of maroon. It is sun-proof even in the hottest weather and does not burn. Plant is of exceeding vigorous growth, prolific bloomer, with buds of superb form and fragrant open blooms holding their shape until last petal drops. (Each \$1.50).

**SHANGRI-LA** — (Pat. Pending) — Well-formed long pointed buds, opening to a large flower displaying a combination of shades of blush, salmon and rose, delicately blended. A vigorous plant with ample dark, rich green foliage. (Each \$1.50).

**MARY MARGARET McBRIDE**—(Pat. 537)—The buds are deep salmon-pink, almost reddish in the fall, and the suffusion of yellow becomes a gold at base of petals. Rose full, having about 45 petals. Bush strong and vigorous in growth, producing great numbers of long-stemmed roses excellent for cutting. (Each \$1.50).

**MME. HENRY GUILLOTT**—(Pat. 337)—A charming two-toned rose with artistic, long urn-shaped buds open to 20 petaled flowers, 4½ inches across, watermelon to raspberry pink color with golden base. (Each \$1.25).

**NARZISSE**—(Pat. Pending)—Large streamlined buds of apricot-yellow opening to massive flowers of maize-yellow on sturdy, tall-growing plants with excellent foliage. (Each \$1.50).

**PINOCCHIO**—(Pat. 484)—A hardy plant producing an abundance of pointed buds of salmon-flushed gold, opening to miniature hybrid-tea-like roses of soft clear pink and in great clusters. (Each \$1.25).

**SANTA ANITA**—(Pat. 539)—Perfectly formed long-pointed buds unfold into glorious flowers of crystal clear peach-blossom pink. (Each \$1.00).

## Everblooming Polyantha or Baby Roses

These, sometimes called Fairie Roses, are the most truly everblooming of all roses—they are practically never out of flower during the entire season. Dwarf in size, with an average height of less than 18 inches, compact growth, great the bush, make this class indispensable for edging, massing hardiness, beautiful, well-formed blooms which last well on and mingling with other flowers.

**CRIMSON BABY**—Small, semi-double flowers of deep crimson, long seasoned cluster rose.

**ELLEN POULSEN**—Small double flowers of bright rose pink borne in large clusters.

**ELSIE POULSEN**—Single, bright rose pink flowers of large size from erect very thrifty plants.

**GLORIA MUNDI**—Glowing scarlet-orange, large fully double clustered rose.

**IDEAL**—Dark scarlet, borne in immense compact bunches, slightly fragrant.

**KIRSTEN POULSEN**—A tall four to five foot polyantha shrub with myriads of dainty red buds and clean bright scarlet trusses of bloom all season.

**ORANGE TRIUMPH**—Large double scarlet orange flowers in high cluster combined with good, glossy foliage.



## Hardy Climbing and Rambler Roses

The Climbers or Ramblers not only afford a burst of bloom upon trellises, over fences and hedges, against the porch or the home, but having attractive foliage they are an object of beauty and ornament even when not in bloom.

**BLAZE**—(Pat. No. 10) — Everblooming scarlet-red climbing rose, a very vigorous grower and seldom out of bloom. (Each \$1.00).

**CHAPLIN'S PINK CLIMBER**—Lively pink blooms in clusters of 8 to 12 large and shapely flowers. A strong grower.

**CL. AMERICAN BEAUTY**—Large flowers of deep rose borne in groups of four or five, on 4-inch stems.

**CL. GARDENIA**—Deep yellow buds opening to creamy yellow flowers with deep yellow centers.

**CRIMSON RAMBLER**—Small ruffled flowers of dazzling scarlet-red borne in giant sprays.

**MARY WALLACE**—Every bud perfectly formed and with a cheerful shade of glowing pink. Flowers large sized.

**KING MIDAS**—(Pat. 556)—A new hardy free blooming golden-yellow Climber with large double, high-centered flowers with good form. The buds are touched with red. (Each \$1.50).

**PAUL'S SCARLET**—Intense scarlet flowers of excellent shape and good size.

**Prepaid: Each 85; 5 for \$4.00 Unless Otherwise Priced**

## Rugosa or Shrub Rose

We group under this heading various types and species of Roses that are of strong habit of growth and will be found especially adapted to plant in mixed Shrubbery Borders, or in separate beds or groupings or as individual specimens in the garden.

**AUSTRIAN COPPER** — Single, brilliant orange-red flowers inside and yellow on the reverse of the petals.

**GROOTENDORST SUPREME**—Small flowers of deep crimson-red borne in large clusters throughout the season.

**Prepaid: Each 85c; 5 for \$4.00**

**Prepaid: Each 85c; 5 for \$4.00**



## Apples

**DELICIOUS**—Fruit large, nearly covered with brilliant dark red, flesh fine grained, crisp and melting, juicy with a delightful aroma; of very highest quality. A splendid keeper and shipper. A regular annual bearer.

**GRIME'S GOLDEN**—Large, golden yellow, juicy, aromatic, sub-acid. Fine dessert apple.

**JONATHAN**—Medium, brilliant red and yellow; tender, juicy. Fine-grained.

**NEW ANOKA**—Ripens in September. The size, color and flavor of the New Anoka make it a favorite. Also a good keeper. The remarkable feature of this excellent apple is that it comes into bearing very young, is also dwarf in stature, so that it is well adapted to back yard planting or closer in the orchard.

**RED WINESAP**—Rich dark red; fine grained and juicy. Winter.

**ROME BEAUTY**—An improved variety, which has a solid, deep-red color. Large winter apple of good quality. Thick skinned, stands handling well and a good keeper. Bears young.

**WEALTHY**—Few varieties that are at once so hardy and so productive yield fruit of such good quality—white-fleshed, juicy and vinous; of medium size, smooth, round and deep red.

**YELLOW DELICIOUS**—Similar to Delicious in shape. Fruit rich yellow color.

**YELLOW TRANSPARENT**—Large, uniform, yellowish white apples with moderately firm, juicy flesh.

**HYSLOR CRAB**—An improved variety of Red Siberian Type. Fruit small about an inch and a quarter in diameter. Grows in clusters; bears young and abundantly.

**DOLGO**—The Lawn Tree Crab—It has rare beauty as an ornamental lawn tree. It is not subject to blight as were the old varieties and is perfectly hardy. Bears an abundance of fruit. The apple itself is a very rich red and jells perfectly even when dead ripe.

**HOPA RED FLOWERING CRAB**—A beautiful upright growing tree with attractive foliage. Entirely covered with rose colored flowers in April. Fruit red inside and out, hanging on until late autumn. Very hardy and free from disease.

**RED VEINED CRAB**—A large growing Russian Turkestan variety. Has remarkably large red flowers in May followed by large purple-red fruit and leaves.

**WHITNEY CRAB**—The fruit is very large and glossy green, striped with red. Good for eating and canning.

**PRICES**—Large, 4 to 6 foot, 2-year-old trees, by express, not postpaid, at: (Each \$1.25) (3 for \$3.50). Assorted is desired.

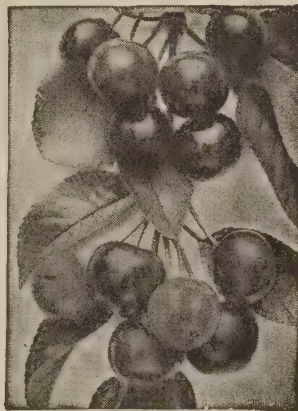
## Cherries

**EARLY RICHMOND**—Unsurpassed for cooking. Hardest of all varieties, bears heavily. Cherries are medium size, round and dark red. Flesh tender, juicy and sub-acid. Early. Very popular and a fine variety in every respect.

**MONTMORENCY**—Best of all sour varieties, most in demand at all markets, widely used by canneries. Fruit is good size, bright clear red, fine quality, sub-acid flavor. Early. A splendid all around variety.

**SWEET CHERRY (Black Tartarian)**—Very large, bright purplish black cherry; flesh very rich, delicious, thick, juicy, of purplish color. Very vigorous, erect grower and an immense bearer.

**PRICES**—Large, 4 to 6 foot, 2-year-old trees, by express, not postpaid, at: (Each \$1.50) (3 for \$4.00). Assorted if desired.



Early Richmond Cherry

## Pears

**BARTLETT**—Fruit large, clear lemon yellow, highly flavored, very juicy. Ripens in September.

**PRICES**—Large, 4 to 6 foot, 2-year-old trees, by express, not postpaid, at: (Each \$1.50) (3 for \$4.00). Assorted if desired.

## Plums

**LOMBARD**—Fruits violet red, roundish oval. Juicy and pleasant. A valuable market variety. Very hardy and adapted to light soils.

**LA CRESCENT**—Finest yellow plum, ripens early. The fruit is large, tender and sweet, makes delicious preserves and pies.

**SUPERIOR No. 194**—Immense fruit of clear rich red, firm meaty flesh, and of delicious flavor. Can be peeled as you would a peach. New extra hardy, extra fine quality.

**DAMSON**—Medium sized blue plums of finest quality free stone. A heavy annual bearer, ripens in September.

**WAINETA**—Large sized red plum. Is sweet and delicious. A heavy bearer, ripens in mid-season. Excellent for canning.

**PRICES**—Large, 4 to 6 foot, 2-year-old trees, by express, not postpaid, at: (Each \$1.50) (3 for \$4.00). Assorted if desired.

## Raspberries

**CUMBERLAND (Black)**—Healthy, vigorous, throwing up stout, stocky, well branched canes that produce immense crops. Fruits very profitable; large, firm. Midseason. (6 for 60c) (25 for \$2.00), postpaid.

**LATHAM**—The new mosaic-free red raspberry. Perfectly hardy, its production is superlative. The berries are large and round, brilliant red, with profitable shipping firmness. (6 for 75c) (25 for \$2.50), postpaid.

**ST. REGIS EVERBEARING RASPBERRY**—Fruit starts to ripen with the earliest and continuing on your canes until fall. Berries bright crimson, large size, rich and sugary. (6 for 75c) (25 for \$2.50), postpaid.

**INDIAN SUMMER (Everbearing)**—A new two-crop red raspberry developed by the New York Experiment Station. Bears in summer and again in fall, continuing until frost. The berries are large, somewhat conical, of medium red color and high quality. Plants are hardy and vigorous growers (6 for 75c) (25 for \$2.50), postpaid.

**WASHINGTON**—It is highly recommended as an abundant producer of high quality red fruit suitable for freezing, canning or for fresh market. Almost everbearing. (6 for 75c) (25 for \$2.50), postpaid.

## Currants

**FAY'S PROLIFIC**—Stems and bunches are extra large, uniform size, easily picked, of excellent quality. The plant is very productive, robust and hardy. (Each 60c) (3 for \$1.65).

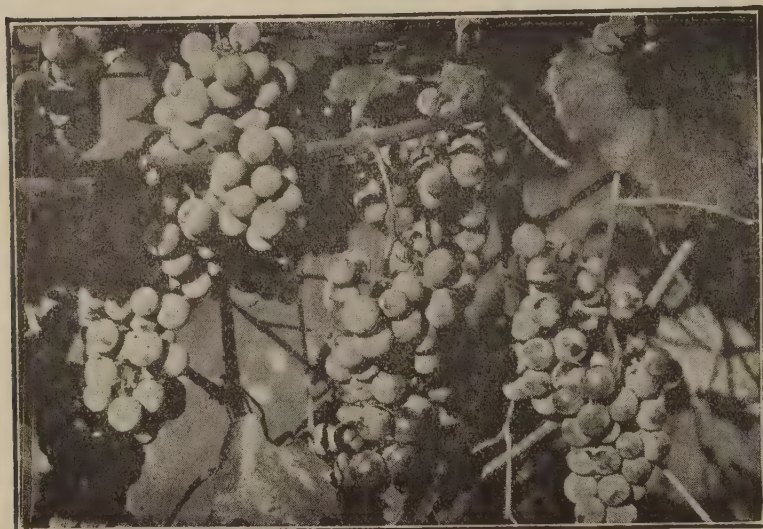
**PERFECTION**—This is perhaps the best variety of Red Currant that was ever introduced. It is a prolific yielder, with a rich sub-acid flavor. The fruit is very pulpy and contains but very few seeds. (Each 60c) (3 for \$1.65).

**RED LAKE**—The sweetest of all red currants. It is a tremendous bearer of big currants that are wonderfully sweet when ripe. (Each 60c) (3 for \$1.65).

Available in spring only, ready for shipment March 20th.



## Grape Vines



**BRIGHTON**—Bunch large, shouldered; berries medium to large, round dark red, tender, very little pulp, sweet, juicy, slightly aromatic and very good, ripens early. (Each 50c) (3 for \$1.35).

**CONCORD**—One of the most popular and reliable varieties we possess. Bunch large, compact and shouldered; berry large, round, almost black with blue bloom; juicy, buttery and very sweet. (Each 50c) (3 for \$1.35).

**FREDONIA**—At last has been found a real early Black Grape, one which has no rival. Juicy, tender, good cluster, equal in every way to the Concord, but fully two weeks earlier. (Each 50c) (3 for \$1.35).

**NIAGARA (White)**—This is the leading white Grape grown. Berries are large and fine flavored. Ripens about the same time as Concord. (Each 50c) (3 for \$1.35).

**WORDEN**—Larger berries and bunches than Concord, sweeter, better quality and ripens a week earlier. Fine for the local market and the home garden, but not a good shipper on account of its thin skin. (Each 50c) (3 for \$1.35).

### GRAPE COLLECTION

Three extra strong 2-year-old plants each of Brighton, Niagara, Concord, Worden. Sent prepaid for only \$4.00.

## Blackberries

**ELDORADO**—Largest and best hardy Blackberry for this part of the country. Berries large, jet black, borne in large clusters; they are very sweet, melting and pleasing to the taste. Good market sort, standing shipping and handling well. Vigorous, hardy, enormous yielder. (6 for 50c) (25 for \$2.00).

## Boysenberry (Thornless)

The New Boysenberry is truly a glorified Youngberry. They are just as easy to grow as blackberries. Berries often measure two inches in length, have a rich, tangy flavor all their own and have few seeds. Berries fine, either fresh or canned. (3 for 75c) (6 for \$1.10).

## Dewberries

**LUCRETIA**—The Dewberry is a dwarf and trailing form of the Blackberry. The fruit is highly prized as a market fruit owing to its large size and fine quality. This variety is recommended most highly. (6 for 60c) (25 for \$2.00).



**Mastodon Everbearer**

## Everbearing Strawberries

In Strawberries it is very necessary that you get fresh-dug plants. We grow our own plants and take every care that our customers get their plants in the best possible condition.

**Cultural Suggestions:** Strawberries need first-class soil and will repay generously for good care. Plant about 15 inches apart in the row and 3 feet between the rows. Spread the roots when planting and water well. After the ground freezes hard, cover the crowns with a little straw or litter, but do not smother. A bed will run out in three years and the ground should then be put to some other use for a year or two.

Ready for shipment April 1 to May 10th only.

**GEM (Great New Everbearing Strawberry)**—Matchless beauty, wonderful quality, extra fine flavor. Greatest bearer of all the everbearers; a real money maker; berries very large and firm, nice color, you certainly should give these an extra good trial.

By mail, postpaid: (25 plants for \$1.25) (100 plants for \$4.00).

**MASTODON**—According to many reports gathered from all berry-growing sections of the country, Mastodon is the last word and outranks all predecessors. It is of immense size, an almost incredible cropper, of choice quality and the strongest grower yet developed. More productive than most June bearers and its pickings are very profitable.

By mail, postpaid: (25 plants for \$1.25) (100 plants for \$4.00).

## Gooseberries

**CHAMPION**—Fruit large, round, light green, fine flavored; vigorous and productive; smooth with distinct veins, soft, juicy, and fine skin; one of the best. (Each 60c) (3 for \$1.65). Postpaid.

**GLENDALE**—Large sized, prolific and hardy, reddish purple berries of best quality. (Each 60c) (3 for \$1.65), postpaid.

Prices on This Page Are Postpaid

Available in spring only, ready for shipment March 20th.



## Perfegro Lawn Grass Seeds

For making a new lawn or for reseeding established lawns, use our special re-cleaned grass seed.

There is nothing that will improve the appearance of your home so much as a well-kept lawn with a flower bed or two, and a liberal planting of shrubs along the borders. To have a good lawn it is necessary that you get your soil in fine condition, that you sow a sufficient quantity of good seed, and that you take care of the grass after you have a stand.

Our Lawn Seed has all been thoroughly re-cleaned, is of high purity and germination. Sow at the rate of 1 pound to 150 to 200 square feet.

When making a new lawn, be sure that the soil is well drained and that a sufficient amount of fertilizer has been incorporated in the soil, using a fertilizer rich in plant food.

As a top dressing, use pulverized sheep manure, or a highly concentrated commercial fertilizer, avoiding barnyard manure, which is not only unsightly, but contains large quantities of weed seed as well.



### KENTUCKY BLUE GRASS AND CLOVER

A special mixture of 90 per cent Kentucky Blue Grass and 10 per cent White Dutch Clover. **Postpaid:** (lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.25) (25 lbs. \$15.00).

### PERFEGRO LAWN MIXTURE

A beautiful, smooth, low-growing, dark, velvety grass. It is composed of re-cleaned Kentucky Blue Grass and White Dutch Clover together with other fine bladed perennial grasses. **Postpaid:** (lb. 65c) (5 lbs. \$3.00) (10 lbs. \$5.50) (25 lbs. \$12.50).

### FINE LAWN MIXTURE

This is a mixture of the same fine grasses, but does not contain clover. **Postpaid:** (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00) (25 lbs. \$11.25).

### QUICK GROW LAWN MIXTURE

A rapid-growing mixture for producing an immediate showing that will be followed by a good permanent sod. Ready to cut two weeks ahead of any other mixture. **Postpaid:** (lb. 55c) (5 lbs. \$2.50) (10 lbs. \$4.50) (25 lbs. \$10.00).

### SHADY SPOT LAWN MIXTURE

This is made up of grasses which naturally grow in shady places. Contains Bent Grass. **Postpaid:** (lb. 80c) (5 lbs. \$3.75) (10 lbs. \$7.00) (25 lbs. \$16.25).

### BUFFALO GRASS FOR LAWNS

Treated to hasten germination. This is a low-growing long-lived drought-resistant perennial grass that spreads by numerous surface runners. Profuse branching of runners enables this grass to form a dense sod. The leaf surface is a gray green, turning to purplish in late fall. Seed should be applied at the rate of from  $\frac{1}{2}$  to  $\frac{3}{4}$  pound per 1,000 square feet of lawn area. The seeding rate is readily obtained by spacing the seed  $\frac{1}{2}$  to  $\frac{3}{4}$  of an inch apart in the rows, or by dropping 15 to 20 seeds per foot of row, in rows one foot apart. After the lawn is up requires very little water, making it an ideal grass for farm lawns, parks and cemeteries. **Postpaid:** (lb. \$1.50) (5 lbs. \$7.25) (10 lbs. \$14.00).

### KENTUCKY BLUE GRASS Special Re-cleaned Seed

This is the most widely used grass for Lawns; forms a close, thick turf and is very hardy. Seed is slow to germinate and must be kept well watered with a fine spray until it is established. We offer three grades.

#### Prices Postpaid

19-lb. Grade: (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00) (25 lbs. \$11.25).

21-lb. Grade: (lb. 65c) (5 lbs. \$3.00) (10 lbs. \$5.50) (25 lbs. \$12.50).

24-lb. Grade: (lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.00) (25 lbs. \$13.75).

### WHITE DUTCH CLOVER

This is a low growing clover used principally for lawns in a mixture with Blue Grass. It germinates quickly and acts as a protection for the slower germinating Blue Grass. **Postpaid:** ( $\frac{1}{4}$  lb. 40c) (lb. \$1.35) (5 lbs. \$6.50) (10 lbs. \$12.50).

### ASTORIA BENT

This is the true Creeping Bent Grass, which spreads by underground roots and by stolons which creep over the ground and send down roots from their joints. It is very fine bladed and forms a thick velvety turf. It is quick growing and crowds out dandelions and other weeds. Sow one pound to 300 square feet. **Postpaid:** ( $\frac{1}{4}$  lb. 40c) (lb. \$1.35) (5 lbs. \$6.50) (10 lbs. \$12.50).

### COOS OR SEASIDE BENT

This variety differs only from the Astoria Bent in that it creeps more on top of the ground, thus forming, when it has been well established, somewhat of a turf or matting on top of the soil which tends to crowd out weeds. **Postpaid:** ( $\frac{1}{4}$  lb. 40c) (lb. \$1.35) (5 lbs. \$6.50) (10 lbs. \$12.50).

### RED CREEPING FESCUE

A fine leaved, persistent, turf-forming grass, excellent for shade and is valuable in lawn mixtures. **Postpaid:** ( $\frac{1}{4}$  lb. 40c) (lb. \$1.35) (5 lbs. \$6.50) (10 lbs. \$12.50).

### FANCY RED TOP

A quick-growing, fine-leaved, bright green creeping grass, popular for lawns and golf courses. **Postpaid:** (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

### RYE GRASS (Domestic)

A valuable grass for pastures and lawns when quick results are required. Thrives well on any soil. **Postpaid:** (lb. 35c) (5 lbs. \$1.50) (10 lbs. \$2.75).

### RYE GRASS (Perennial)

Rapid growing grass, useful for making lawns where immediate effects are wanted. Valuable for hay and pasture. **Postpaid:** (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

### MEADOW FESCUE OR ENGLISH BLUE GRASS

Grows best on moist soils. Robust in habit, yet never grows into large tufts. Superior to Rye Grass for lawns. **Postpaid:** (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

### CHEWING'S FESCUE

This is used in mixtures for fine lawns for putting greens, wherever a particularly fine-leaved grass is wanted. **Postpaid:** ( $\frac{1}{4}$  lb. 30c) (lb. \$1.00) (5 lbs. \$4.75) (10 lbs. \$9.00).

### BERMUDA GRASS

A southern grass with dwarf habits, long creeping stems rooting at the joints that cover the ground with a matting of fine turf. Not suited for northern latitudes. **Postpaid:** ( $\frac{1}{4}$  lb. 30c) (lb. \$1.00) (5 lbs. \$4.75) (10 lbs. \$9.00).

### CRESTED WHEAT (Fairway Strain)

This strain was developed in Canada for use in lawns, fairways, boulevards, school yards, cemeteries, parks and in areas where water is not readily available. It is a hardy, drought-resistant fine-stemmed grass. **Postpaid:** (lb. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).





## Hardy Grass and Field Seeds

PERFEGRO BRAND GRASS AND FIELD SEEDS are specially re-cleaned and tested for purity and germination before shipping. If desired, we will send you samples and advise you what the purity and germination test are of any of the Grass or Farm Seeds.

### Alfalfa

**CULTURE**—Alfalfa Seed may be sown either in spring or in fall at the rate of 12 to 20 pounds per acre. Sow with oats, barley, field peas or other grains as a nurse crop, sowing only about half the amount of grain per acre, so that the grain will not be too thick to smother out the alfalfa. Alfalfa is the great hay crop for America and can be successfully grown in many localities. Alfalfa is of two types, the Domestic or Common, which has a long tap root which penetrates into the soil for a distance of 8 to 10 feet, and the Grimm Type, which has a spreading root system. The Grimm Type is considered the hardiest, although on certain soils and in certain localities the Hardy Common varieties will stand extremes of heat and cold equally well.

**All our Domestic Alfalfa Seed is especially selected for Adaptability and Hardiness.**

Owing to the scarcity of Alfalfa Seed this season, we are unable to quote prices. Write for prices, stating quantity and varieties you are interested in, and we shall be pleased to quote you our very best price on what seed we have available.

**DOMESTIC ALFALFA**—Several grades of Colorado grown Common Alfalfa will be available in limited quantities for spring seeding. Write for prices advising quantity wanted and we will submit samples for your inspection. Owing to limited stocks on hand, early orders are advisable.

**MEEKER BALTIC**—This hardy strain is produced in the same district in Colorado as the Moffat Grimm. It is of the Grimm type and by some authorities is considered the hardiest and most productive variety. **Sold Out.**

**GRIMM ALFALFA**—The hardiest of the hardy alfalfas and differs from the domestic or common variety in that it has a spreading root system instead of the long tap root which is sometimes broken when the ground bulges, during the spring freezes, thus causing the plant to die. Highest grade seed. Very hardy and will produce a fine hay crop.

**ARGENTINE ALFALFA**—This seed is imported from Argentina in South America. It is strained 10% Red to meet government regulations. Government restrictions have been removed and this seed can now be planted in most districts. It is of the Common variety and seed will be in fairly good supply if shipping space is available to bring in this seed.

**ALFALFA-BROME MIXTURE**—Owing to the limited supply of Alfalfa Seed a mixture of Alfalfa Seed and Brome Grass is recommended for Hay or Pasture. Use 12 lbs. Brome and 5 lbs. Alfalfa Seed per acre.

## SWEET CLOVER

The culture of Sweet Clover is practically the same as for Alfalfa. Sweet Clover, however, will make an immense growth and if cut before it is too ripe makes excellent hay. It is also valuable for pasture for hogs, sheep and cattle. Like Red Clover, this is a biennial and should be renewed every other year. The seed may be sown in the late fall and winter, or early spring as well as in the summer. Sow 12 to 20 pounds per acre.

**WHITE BLOSSOM SWEET CLOVER**—White Blossom makes the rankest growth of any clover. It produces the biggest hay crop and is the best soil enricher and green fertilizer. It breaks up the soil, gathers nitrogen from the air and deposits it in the soil.

**HUBAM SWEET CLOVER**—This is an annual White Sweet Clover that may be planted in April and will mature and make seed the first year. **Sold Out.**

**YELLOW BLOSSOM SWEET CLOVER**—Is a biennial like the White Blossom Sweet Clover and differs from that variety only in that it is ten days earlier. Does not grow as tall, is more spreading in habit, makes finer hay or pasture.

**Ask for Special Quantity Prices on Field Seeds and Farm Seeds**



## Clovers

**ALSIKE OR SWEDISH CLOVER**—Grows well on low, wet land where Red Clover does not thrive. Alsike being a perennial, will last for a good many years, either for hay or in pasture. It makes fine hay of high feeding value. It is very valuable in pastures, especially on wet or heavy soil. Sow 6 to 10 pounds of seed per acre if used alone.

Prices quoted on request, crop short.

**LESPEDEZA (Korean Clover)**—Korean Lespedeza is an annual Legume with very fine stems. In general appearance it resembles Alfalfa. It grows about 15 inches high. Where the stand is scattered the plants branch profusely. Where the stand is thick the plants have an upright growth like Red Clover or Alfalfa. Lespedeza grows on poor soils and increases the fertility as well as improves the physical condition of the soil. It is an annual but will reseed itself each year so that only one sowing is necessary for a permanent pasture. For pasture about 8 pounds of seed is required per acre. On tilled land for hay or for a seed crop 10 to 12 pounds per acre should be sown. Korean Lespedeza is palatable to all classes of live stock, particularly cattle. It will stand close grazing by cattle and still set enough seed to maintain a stand.

Postpaid (lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

**MEDIUM RED CLOVER**—Fits better into crop rotation than any other legume. It will increase the yield of succeeding crops besides furnishing many tons of hay of high protein content. It is a biennial which means that it will grow for two seasons only and then must be reseeded. Requires medium rich well drained soil. Sow 8 to 12 lbs. per acre.

Prices quoted on request, crop short.

**MAMMOTH RED CLOVER**—Resembles Medium Red Clover but grows taller and the hay is coarser. It is hardy and valuable for fertilizing poor soil. Sow 8 to 12 lbs. per acre.

Prices quoted on request, crop short.

**STRAWBERRY CLOVER (Trifolium Fragiferum)**—Is primarily a pasture crop. It thrives on wet, seepy ground, which may be crusty with alkali and is apparently more resistant to alkali than any other clover. It is capable of spreading and establishing itself by its stout creeping runners. Three to five pounds will seed an acre. A firm seed bed is essential and moisture is necessary near the surface of the soil to insure germination of the seed and establishment of the small plants. Circular free on request.

Sold Out.

## Grass Seeds For Hay and Pasture

**BROME GRASS (Bromus Inermis)**—Yields enormous crops of splendid hay, and affords early and abundant pasture. It adapts itself to almost any condition of soil and climate and to any use to which grass may be put. The roots penetrate the soil deeply and form fresh plants on every side. It starts from two to three weeks earlier in the spring than native prairie grass, and keeps green in autumn longer than any of the useful grasses grown in the West. No amount of cold seems to affect it, and it surpasses all other grasses in resisting heat and drought. It equals timothy for hay, and is splendid to sow with alfalfa, clover, meadow fescue or orchard grass for pasture.

Postpaid (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

**MOUNTAIN BROME (Bromus Marginatus)**—Is a stout perennial bunch grass, with a wide range of soil adaptation, varying from moist loamy soils, to dry, gravelly soils. When young can be grazed closely by all classes of livestock. It also makes fine feed for horses and cattle when cut for hay.

Sold Out.

**CRESTED WHEAT GRASS (Standard or Forage Strain)**—It is a drought resistant, long-lived grass. It is equal or better, in feed value for hay or pasture to Brome Grass, Slender Wheat Grass, Western Wheat Grass and is relished by livestock and yields as well or better. It is adapted to a wide range of soil types. It is easily plowed up and can be killed by plowing, even though it has an extensive root system. Should be sown on a well prepared soil, which contains a sufficient amount of moisture to give the crop a good start. The seed should be put in not over a half inch deep either with or without a nurse crop. Best without a nurse crop. Sow seed at the rate of 10 lbs. per acre, either broadcasted or drilled in or from 4 to 5 pounds per acre when planted in 3-foot rows, to be cultivated and raised primarily for a seed crop.

Postpaid (lb. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

**CRESTED WHEAT GRASS (Fairway Strain)**—This differs from the above in that it does not grow quite as tall and is more leafy and under most conditions will produce as much hay per acre as the Standard Strain. The Fairway has more uses and can be used in lawns, fairways, boulevards, school yards, parks, farm lawns and in areas where water is not readily available.

Postpaid (lb. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

**SLENDER WHEAT GRASS (Western Rye Grass)**—Grows in tall erect bunches which sometimes cover a space of one foot in diameter. It is a perennial, resistant to both drought and cold. Has ability to grow in alkali land and is very palatable to cattle and horses.

Postpaid (lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.25).

**WESTERN WHEAT GRASS (Blue Stem)**—Is a drought resistant, long-lived perennial grass. Produces excellent forage for grazing and hay.

Prices quoted on request, crop short.

**KENTUCKY BLUE GRASS, for Pasture**—One of the best grasses for pasture and lawns. It starts to grow very early in the spring and remains green late in the fall. It does well on either high, dry land or places that are quite moist.

Postpaid (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

**MEADOW FESCUE, OR ENGLISH BLUE GRASS**—Of great value for permanent pasture and for hay. Does best on strong land. Grows 2 feet high. Makes a finer and better quality of hay than Orchard Grass. Sow 25 to 30 pounds per acre.

Postpaid (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

**DOMESTIC RYE GRASS**—A desirable grass for pasture. It forms a heavy close sod and grows up quickly after being eaten or cut off. It is also a good grass for hay if cut when in bloom. It affords good pasture after the hay is cut. Does best on rather moist and heavy soil. Use 25 to 30 pounds of seed per acre.

Postpaid (lb. 35c) (5 lbs. \$1.50) (10 lbs. \$2.75).

**PERENNIAL RYE GRASS**—A very valuable variety for permanent pasture. Succeeds well on almost any soil, but is particularly adapted to moderately moist or irrigated lands. Sow 30 to 40 pounds per acre in spring.

Postpaid (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

**RED TOP (Solid Seed)**—Valuable for low land, as it is not injured by water. It also grows well on high land. Grows 2 to 3 feet high, and makes very good hay. Finest recleaned seed. Sow 8 to 10 pounds per acre.

Postpaid (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

**TIMOTHY**—One of the most popular grasses for hay and pasture. Sow 9 pounds of seed per acre if used alone. Fancy recleaned seed.

Prices quoted on request.

**Ask for Special Quantity Prices on Field Seeds and Farm Seeds**



## Grass Seeds For Hay and Pasture



**SUDAN GRASS, for Hay and Pasture**—Sudan Grass is strictly an annual, and dies each year like millet. Sudan Grass is tall, reaching a height of from 7 to 9 feet. The stems are small and are rarely larger than a lead pencil. The plant stools wonderfully and produces, under favorable conditions, as many as 100 stalks from a single root.

Postpaid (lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

**ORCHARD GRASS**—A strong growing, rather coarse, grass, good for pasture and hay. Starts very early in the spring. Grows in tufts so should be sown with other early flowering grasses. Orchard grass makes a very rapid growth after being cut and affords good pasture within a week or ten days after cutting. Stands drought well as the roots extend deep into the soil. Sow 25 to 30 pounds per acre.

Postpaid (lb. 65c) (5 lbs. \$3.00) (10 lbs. \$5.50).

**REED CANARY GRASS**—Is one perennial grass that will thrive in marshy places, stands under water for weeks without injury, yields enormous tonnage of hay with feed value equal to wheat bran. Sow any time before June 20th at the rate of 10 to 12 pounds per acre, broadcast. It forms a sod rapidly through the spreading of underground roots. Makes your low lands grow profitable crops.

Postpaid (lb. 75c) (5 lbs. \$3.50) (10 lbs. \$6.50).

**GRAMA GRASS**—Is a perennial tufted grass adapted for the dry plains region; plants grow from 1 to 3 feet tall, used for reseeding range lands. Limited quantity of seed available this season.

Postpaid (lb. 55c) (5 lbs. \$2.50) (10 lbs. \$4.50).

**JOHNSON GRASS**—It does magnificently in the North and sometimes makes 4 tons of good hay per acre. The roots of Johnson Grass are easily killed by cold weather, and exposure of the roots and late fall or winter plowing will effectually eradicate it whenever freezing cold weather occurs.

Postpaid (lb. 35c) (5 lbs. \$1.50) (10 lbs. \$2.50).

## Hay and Pasture Mixtures

**MORTON'S PASTURE MIXTURE**—Our State Agricultural College recommends the following ratio for a well balanced permanent pasture mixture: 30 per cent Orchard Grass, 30 per cent Brome Grass, 20 per cent Meadow Fescue, 12 per cent Timothy and 8 per cent Yellow Blossom Sweet Clover. Sow 25 to 30 pounds per acre.

Postpaid (lb. 60c) 5 lbs. \$2.75) (10 lbs. \$5.00).

**MIXTURE FOR ALKALINE LANDS**—The following is fine on lands infested with alkali: 8 lbs. Yellow Blossom Sweet Clover, 8 lbs. Slender Wheat Grass, 6 lbs. Meadow Fescue, 6 lbs. Brome Grass and 4 lbs. Red Top. Sow 30 pounds per acre.

Postpaid (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

**TIMOTHY AND ALSIKE MIXTURE**—Fine for hay and pasture, especially for mountain districts.

**TIMOTHY WITH 20% ALSIKE CLOVER**—

Postpaid (lb. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

**PASTURE AND MEADOW MIXTURE FOR LOW WET GROUND**—This mixture consists of Red Top, Rye Grass, Kentucky Blue Grass, Brome Grass, Timothy and Alsike Clover. Sow 20 to 25 pounds per acre.

Postpaid (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

**PERMANENT PASTURE AND MEADOW MIXTURE**—(For all soils except low wet ground). This mixture consists of hardy deep rooted grasses and clover. It will furnish good grazing throughout the season. It consists of Meadow Fescue, Brome Grass, Rye Grass, Timothy, Red Top, Kentucky Blue Grass, and Alsike Clover.

Postpaid (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

**PLAINS OR DRY LAND MIXTURES**—Consists of 6 lbs. Brome, 4 lbs. Crested Wheat, 5 lbs. Slender Wheat, 3 lbs. Yellow Blossom Sweet Clover. Sow 18 lbs. per acre. It is made up according to specifications of the North Dakota Experiment Station.

Postpaid (lb. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

**MOUNTAIN MEADOW MIXTURE**—A special mixture of Alsike Clover, Timothy and Red Top, especially adapted for our mountain meadows. Can be pastured or cut for hay.

Postpaid (lb. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

## Seed Grains

### Wheat

On irrigated lands, sow 60 to 75 pounds per acre; on dry land, 40 to 50 pounds.

**MARQUIS**—It is a very early, beardless, hard red spring wheat, very productive. It has higher milling and baking qualities than most varieties of spring wheat known today and will almost always grade No. 1. Besides being about ten days earlier than most varieties of spring wheat it generally outyields them and has been known to produce 45 to 60 bushels per acre. As it is short stiff strawed, it is not likely to lodge and stands up well under irrigated conditions. The grain is plump and of a dark red appearance.

**THATCHER**—A new beardless, hard red spring wheat, developed in Minnesota. Rust resistant and equal in milling and baking qualities to Marquis.

**DURUM**—Strictly a dryland wheat. It is vigorous and hardy, fine for feeding purposes, but not so popular for milling.

**TURKEY RED**—A hard, bearded winter wheat. Very prolific and stands cold and drought well.

Prices, Postpaid, Any Variety (5 lbs. \$1.00) (10 lbs. \$1.75).

### Rye

On irrigated land, sow 60 to 80 pounds per acre; on dry land, 30 to 40 pounds. In ordering spring or fall rye, please note that we supply these spring or fall as they are supplied to us, but we cannot guarantee them to be such, as it is impossible to determine the variety from the appearance of the seed.

**SPRING RYE**—Spring rye makes an excellent crop where winter grain has been killed or blown out, or for sowing where a fall crop has not been planted. It is sown largely for early pasture and is often cut for hay. Sow seed same time as other spring grain. It does not grow quite as large straw as winter rye, but usually yields as well, and the grain is of fine quality.

**FALL OR WINTER**—This is the hardiest of any of the fall grains, and can be grown on a greater variety of soils. It will thrive in dry seasons and on light, sandy soils. It is grown for grain, for hay, for pasture and for plowing under for soiling purposes. There is no grain crop that produces as much and as good pasture as fall rye. If sown in August, makes a fine fall and winter pasture. Fall rye may also be sown in the spring, when it makes splendid summer pasture as it will not go to seed as does the spring rye.

Postpaid (5 lbs. \$1.00) (10 lbs. \$1.50).

**Ask for Special Quantity Prices on Field Seeds and Farm Seeds**





## Hybrid Field Corn

### Jacques Proven Hybrids

WISCONSIN and MINNESOTA GROWN

Maturities from 80 to 120 days

Corn Growers should consider seriously the growing of Hybrid Corn, as the Hybrids have proven their merits in all corn-growing sections, especially where moisture conditions are favorable. In selecting the Hybrid for your conditions, be sure to select a Hybrid from a reliable source and of the right maturity.

Wm. Jacques, the pioneer and largest grower of Hybrid Corn in the North, advises to plant three different maturities of Hybrid Corn. When several good hybrids are compared over several seasons, you learn a surprising and important fact. The variety that yields the most this year may yield the least next year. This year may have favored the corn of one maturity as against the corn of another maturity. Next year the conditions may be reversed. Don't choose your crop for next year's planting based on the performance in one season of any one hybrid. Choose only Hybrids that have shown a good average performance over several seasons and choose three different maturities of these.

Plant Jacques PROVEN HYBRIDS because—

(1) Every Jacques Proven Hybrid has proven its superiority in not just one season, but as an average of at least three seasons before it is offered for sale.

(2) You can get Jacques Proven Hybrids in dependable maturities varying by 5 days, from 80 to 120 days. And here's something else!

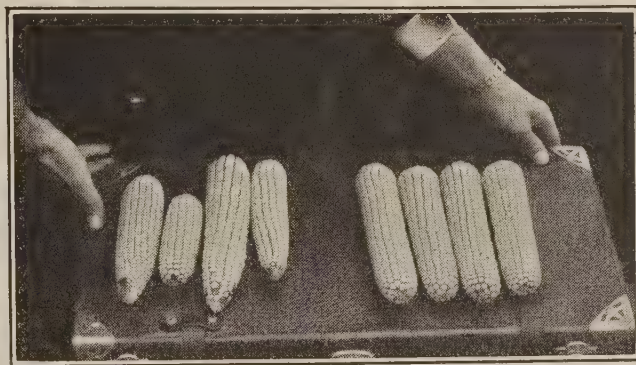
(1) Your Jacques Proven Hybrid Corn shells out more corn per bushel of ear corn. It yields even more than the wagon box shows.

(2) Your Jacques Proven Hybrid Corn dries out fast, goes into the crib with less water in cob and in kernels.

(3) If you plant all late corn you run the risk of a soft crop in a short cool season.

**WE HAVE THE FOLLOWING JACQUES PROVEN HYBRIDS:**

Wisconsin 80 day series—Strain	802
	Strain 803
Wisconsin 85 day series—Strain	852
	Strain 853
Wisconsin 90 day series—Strain	904
	Strain 907
Wisconsin 95 day series—Strain	955
	Strain 956
	Strain 957
Wisconsin 100 day series—Strain	1001
	Strain 1003
Wisconsin 105 day series—Strain	1050
	Strain 1051
Wisconsin 110 day series—Strain	1104
	Strain 1109
	Strain 1121
Wisconsin 115 day series—Strain	1151
	Strain 1158
	Strain 1159
Wisconsin 120 day series—Strain	1204
	Strain 1205
	Strain 1206
	Strain 1208



Note uniformity of ears of Hybrid Corn on right against ordinary Corn on left. Hybrid Corn will outyield open pollinated varieties of the same maturity by 15 to 25%.

### Medium Round Kernel Grade

The Medium Round Kernel Grade will produce as good a crop as the Flat Kernel Grade. We have a limited quantity of the following Hybrids in the Medium Round Kernel Grade: 100 day, 110 day, 115 day and 120 day.

**Medium Round Kernel Grade, \$8.00 per bushel, f.o.b. Denver.**

### Colorado Grown Hybrids

We offer two Colorado Hybrids grown under the supervision of the Colorado Agricultural College from inbreds obtained from the Wisconsin Agricultural College.

**COLORADO No. 151 (Wis. No. 570)**—110 days maturity. One of the most popular Hybrids, has a splendid root and stalk, and makes rather long, rugged cylindrical ears and broad kernels. High yields of grain and silage.

**Not Postpaid—Flat Kernel Grade, Bu. \$8.00.**

**IOWA No. 3080 (Colorado Grown)**—115 days maturity. A variety that shows a high grain yield and leaflier stock than other hybrids in this maturity range.

**Not Postpaid—Flat Kernel Grade, Bu. \$8.00.**

**Write us for prices on other available Colorado grown Hybrids.**

**Postpaid prices of all Certified Colo. Hybrids. (Lb. 35c) (5 lbs. \$1.50) (10 lbs. \$2.75).**

### BACKED BY 36 YEARS' EXPERIENCE

Wm. H. Jacques has produced seed corn exclusively since 1908; now ranks as largest exclusive producer of Northern-bred hybrids.



**PLANT  
JACQUES  
WITH  
CONFIDENCE!**

### Prices of All Certified Wisconsin Hybrids

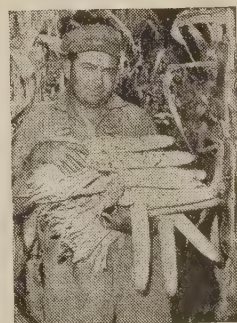
All Hybrid Corn is State Sealed and certified in bushel bags and is treated with Semesan Jr. ready to plant. One bushel will plant 7 to 8 acres.

**Postpaid (1 lb. 35c) (5 lbs. \$1.50) (10 lbs. \$2.75).**

**Not Postpaid—Flat Kernel Grade: Bushel (56 lbs. \$9.50.**

**Medium Round Kernel Grade: Bu. \$8.00.**

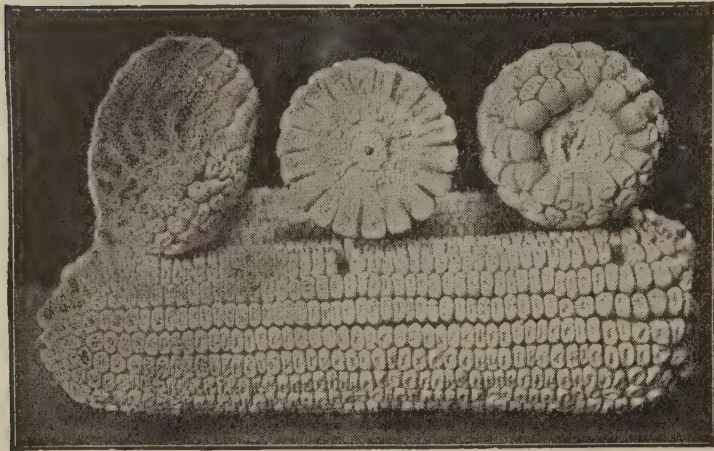
**See inside Back Cover for more information on Hybrid Corn.**



**FEWER NUBBINS, FEWER BARREN STALKS, MORE GOOD BIG EARS**—Bred into this corn is the inherent "will" to make a big, sound ear, on every stalk! Unless starved for food or water, or injured by weather or insects, **EVERY** stalk will make a good ear!



## Seed Grains—(Continued)



### Field Corn

10 pounds will plant an acre.

The proper selection and care of Seed Corn is more important and exacting than the average grower realizes, and in appearance corn suitable for seed purposes is often deceiving and its seed qualities can only be determined by actual tests for germination and vitality. Our Seed Corn is strictly Colorado grown (except the ensilage and Hybrid varieties), is acclimated and will ripen earlier than eastern grown seed.

### Open Pollinated Varieties

**COLORADO No. 13**—A selection out of Minnesota No. 13 by our State Agricultural College, bred for earliness and high yielding quality. The most widely used Yellow Dent variety, maturing in 100 to 110 days.

**MINNESOTA No. 13**—Is one of the most popular Yellow Dent Corn for Colorado and the western states. It is early maturing, stalks are tall and leafy, and is excellent for grain or silage.

**COLORADO YELLOW DENT**—This is a variety of Yellow Dent Corn developed in Colorado and is especially well adapted for planting in the dry-land districts and in the north, as it is very drought resisting and matures early. Fine for grain, fodder or ensilage.

**COLORADO WHITE DENT**—A corn very similar to Colorado Yellow Dent except in color. A White Dent variety that has been bred for earliness and will make a better yield per acre than the Yellow Dents, especially on thin soils.

**WHITE AUSTRALIAN**—Is a hard Flint corn, adapted for cool climates, short seasons, and dry lands. Ears are of medium size; kernels are white, smooth, shallow, rounded and flinty.

**BLUE SQUAW**—Is extremely early and of very dwarf habits. Average length of ears  $7\frac{1}{2}$  inches, grain of dark purple color and sugary. Better for hogging down than the White or Yellow Flints as the grain is not as hard. Ready to use in about 70 days.

**FALCONER**—An early, semi Dent corn. The color is a somewhat uneven yellow, rows eight to twelve and ears large. It will grow and develop in cold weather when other more tender sorts stand still. It grows tall enough on the stalk to be handled with a corn binder.

Postpaid (5 lbs. \$1.25) (10 lbs. \$2.00).

### Ensilage Varieties

#### OPEN POLLINATED

For silage later maturing varieties are used that are grown in the southern corn section. These produce an enormous amount of forage. The stalks grow 10 to 12 feet tall, are very leafy, but do not ripen grain, unless season is very favorable.

**RED COB ENSILAGE**—110 days. Stalks grow 10 to 14 feet high; are short jointed, very leafy, with forage of excellent quality.

### Broom Corn

The Broom Corns are distinguished by their dry, pithy stalks and by their long, loose, open heads called brush. The heads, which are the important part of the crop, are used in making brooms and brushes. Plant about June 1st in rows  $3\frac{1}{2}$  feet apart, using about 8 lbs. of seed per acre.

**BLACK SPANISH**—This variety is fast supplanting all others with growers who market brush. It is similar in growth to the Oklahoma Dwarf Evergreen with the exception that practically all the seed grows in a ball on the top of the brush. This characteristic simplifies seeding operations and enhances the value of the brush.

Postpaid (5 lbs. \$1.25) (10 lbs. \$2.00).

### Barley

On irrigated land, sow 60 to 90 pounds per acre; on dry land, 40 to 50 pounds.

**BEECHER**—A semi-smooth awned barley that has outyielded Club Mariout or Flynn over 25 per cent at the U. S. Dryland Station at Akron. Also shows a better bushel weight. Stiff strawed. Adapted to dryland conditions.

**CLUB MARIOUT**—A six-row, rough awned, hulled early barley; particularly adapted to eastern Colorado non-irrigated plains section.

**LICO**—This is a high yielding barley, very much like Trebi except that it is smooth awned.

**SPARTON**—A new two rowed, early maturing Barley, with very stiff straw, especially adapted for mountain districts.

**TREBI**—This is a six-rowed, bearded, hulled barley adapted to irrigated conditions. At the Fort Collins Experiment Station it outyielded all other barleys in a six-year test. Though it is a rough awned variety it has the advantage over coast barley in that the awns thresh free from the grain, thus eliminating considerable danger in feeding.

**BALD OR HULLESS**—Threshes out like wheat, is beardless and equal in feeding value to corn. It is early and will make a grain crop in high altitude, and is excellent if cut for hay.

Postpaid (5 lbs. \$1.00) (10 lbs. \$1.75).

### Oats

On irrigated land, sow 60 to 90 pounds per acre; on dry land, 40 to 50 pounds.

**COLORADO 37**—A mid-season white oat similar to Swedish Select, except for fewer awns, higher yield and stiffer straw. Adapted to the irrigated sections of northern Colorado and the cooler regions of other sections.

**BRUNKER**—A very early uniform variety of drought evading, smut resistant red oat. Well adapted to the non-irrigated plains area and high altitudes. Yielded 60 per cent more than Colorado 37 at the U. S. Dryland Field Station over an eight year period.

**BLISS SIDE**—A selection from White Russian Side Oats, which produces an abundant quantity of oat hay in the mountain areas.

**MARKTON**—A mid-season oat with long, slender to mid-plump, yellowish white kernel, particularly adapted to warmer irrigated sections and is rapidly finding a place in northern Colorado where it is outyielding Colorado 37.

**VICTORY**—Similar to Colorado 37 with heavier, taller straw.

**SWEDISH SELECT**—A standard heavy yielding white oat. Hull is thin, kernel large and plump; straw is stiff and strong enough not to lodge.

Postpaid (5 lbs. \$1.00) (10 lbs. \$1.75).

### Speltz or Spring Emmer

Sow 40 to 50 pounds per acre on non-irrigated land; 60 to 80 pounds on irrigated land.

A valuable grain belonging to the wheat family. Kernels are tightly enclosed in hulls which adhere at threshing. Speltz has a feeding value equal to oats, and only slightly less than barley and corn. It is extremely rust resistant, and will not lodge like other grains, because of its stiff heavy straw. Speltz can be grown on many kinds of soil, rich or poor.

Its earliness and hardiness enables it to mature before the hot, dry weather comes on. It is a heavy yielder, often producing 75 to 100 bushels per acre under favorable conditions.

Speltz makes wonderful feed and is especially fine for hogs and poultry.



## Dry Land Grain and Forage Seeds

### Grain Sorghums

**CULTURE**—For forage crops, sow 50 to 75 pounds per acre; for grain, 5 to 6 pounds in rows and cultivate the same as Corn. Forage is not quite as palatable for stock as the Sweet Sorghums.

**WHITE KAFIR (Dwarf Black Hull)**—Usually grows 5 to 6 feet tall in the dry land areas. Heads are heavy and compact, 10 to 14 inches long with black hulls and white seeds. The grain makes good feed for poultry and cattle.

**HEGARI**—This is one of the earliest maturing of the grain sorghums. It is very similar to Kafir. The grain is nearly equal to corn in feeding value. The stalks are leafy and make excellent fodder.

**MILO (Sooner or Sixty Day)**—A non-saccharine sorghum of high feeding value. This is the plant that is being so largely raised for its grain in the dry plains of eastern Colorado and western Kansas. The seed is larger than the seed of Kafir and not as hard and equal to corn in feeding value for stock and poultry.

**PINK KAFIR**—Stalk is slender with many leaves producing as much fodder as other kafirs. Seed head cylindrical, 10 to 14 inches long. Seed pinkish white with reddish brown spots.

**FETERITA**—Is the earliest and most drought resisting of the grain sorghums. The seed is larger than the seed of Kafir or Milo and not so hard. Should not be planted until the weather is warm, as it will rot before sprouting if the soil is cold and wet.

### Sweet Sorghums

**CULTURE**—For forage crops, sow 50 to 75 pounds per acre; for grain, 5 to 6 pounds, in rows and cultivate the same as corn. Forage is very palatable to stock.

**BLACK AMBER CANE**—Is the best known and is the favorite on account of its earliness and resistance to drought.

**MIXED CANE**—This is valuable as a forage crop. Do not plant for a seed crop.

**YELLOW ORANGE**—Differs from the Amber variety in having larger and heavier heads. Stalks very leafy.

**LEOTI RED**—A highly recommended sorghum for Colorado conditions. The stalks are very leafy, an excellent variety for forage and silage.

**RED TOP OR SUMAC CANE**—Very desirable for forage as the stalks are sweet and very leafy. The seed shells out clean like the grain sorghums and is better for feed than other varieties of Cane.

**COES SORGO**—Is a Kafir-headed sorgo with a long, compact head and fine stem, high in sugar contents. Suckers profusely making large quantities of fine leafy feed. The grain is equal to feeding value of Kafir.

**ATLAS SORGO**—Is a large late forage sorghum developed by the Hays, Kansas, Experiment Station. It is drought resistant, produces big yields under favorable conditions and is similar to Kansas Orange in growth habit. It is a sweet Sorghum and will produce a good tonnage of forage in this section.

## NOTICE

ALL CANE AND SORGO SEED OFFERED ARE  
FOR FORAGE PURPOSES ONLY

## Millet

Millet is a wonderful forage and hay crop. It affords a quick, luxuriant growth of hay of good feeding value and requires no cultivation. Millet may be fed green or cured. The value of Millet for late planting and emergency crops after others fail should not be overlooked. They can be planted late in July and still make considerable forage. Sow about 20 pounds to the acre.

**WHITE WONDER**—A variety which has taken the place of common millet and has qualities superior to other varieties. It is early, the heads are very large and long, and the foliage is heavy yet easily cured.

**MANITOBA OR HOG**—A valuable peculiarity of Hog Millet is that seed ripen while the hay is yet green, which, if cured at the proper time, can be threshed for seed, while the hay makes excellent fodder after being threshed.

**EARLY FORTUNE OR RED HOG**—Very similar to the Manitoba or Hog Millet, only the seed is red instead of yellow.

**TURGHAI**—A red seeded variety of the Hog or Proso type. Grows three feet tall and has a purple spreading head. The stems bear a wide leaf similar to corn and are not woody. It withstands considerable drought.

**SIBERIAN OR RED RUSSIAN**—Earlier, more hardy, rustproof, and less liable to damage by insects, an extremely heavy cropper; stalks tall, and of finer quality than any other sort. Best variety for hay.

**GERMAN OR GOLDEN**—This is one of the best forage plants grown in this country. Under ordinary conditions will produce from 4 to 5 tons of hay per acre, and from 50 to 75 bushels of seed. When sown early it leaves the ground in splendid condition for wheat.

## Field Beans

40 to 60 pounds will seed an acre

**PINTO OR MEXICAN**—80 to 90 days. A heavy yielder, hardy, drought resistant and an excellent baking bean, also used for chili. The seed is red and speckled with crimson.

Postpaid (¼ lb. 15c) (1b. 35c) (5 lbs. \$1.50).

**GREAT NORTHERN OR LARGE NAVY**—100 days. A popular bean, especially adapted for Colorado soil and climate. Its flavor and tenderness as a baked bean surpass all other varieties. Seed is flat oval white.

Postpaid (¼ lb. 15c) (1b. 35c) (5 lbs. \$1.50).

**MICHIGAN PEA BEAN (Small Navy)**—90 days. Best known commercial variety. Plant large, spreading, with many runners; heavily productive. Pods flat, tough, stringy. Seed small, round oval, white.

Postpaid (¼ lb. 15c) (1b. 35c) (5 lbs. \$1.50).

## Sudan Grass

Sudan is an annual and requires replanting each year, and dies with the first frost in the fall; is closely related to Sorghums (Milo, Maize, Kafir Corn, etc.), but yields far more abundantly than any of these and the hay has more fattening properties. There is no other forage crop known that will resist drought like Sudan and it is therefore particularly adapted to semi-arid regions, yet it yields immense crops under irrigation and rainy climates. It may be broadcast or drilled in rows and cultivated. Some broadcast 25 to 30 pounds of seed per acre or in rows 10 to 12 pounds. Cut for hay when fully headed. Under favorable conditions two cuttings of hay may be obtained.

Postpaid (5 lbs. \$1.75) (10 lbs. \$3.00).

Ask for Special Quantity Prices on Field Seeds and Farm Seeds



## Field or Stock Peas

Field Peas are an important class of Legumes and should be more generally planted. Valuable for hay crop or fertilizer. Field Peas are usually grown with Oats, for hay, a combination equal in feeding value to clover hay. They contain more digestible crude protein and fat than Alfalfa and Corn. When grown with oats, they are threshed together, and easily separated with a fanning after threshing. Drill the Peas in four inches deep, as early as the ground can be worked at the rate of 90 to 100 pounds per acre. Then, 2 or 3 weeks later, sow the oats, drilling it in the other way, 50 pounds per acre. If the oats are sown with the peas, they grow too rapidly and check or smother the growth of the peas.

**COLORADO STOCK PEAS (White)**—Are extensively grown in the mountain districts, are very hardy and if mixed with oats or other grains, make very nutritious hay. If permitted to mature, make excellent feed for fattening sheep or hogs.

Postpaid (5 lbs. \$1.00) (10 lbs. \$1.75).

**COLORADO STOCK PEAS (Blackeye)**—Similar to the White Colorado Stock Peas, except each pea is marked with a small black eye. They provide good forage and hay and are valuable as a soilage crop.

Postpaid (5 lbs. \$1.00) (10 lbs. \$1.75).

**SOUTHERN BLACK-EYE PEAS**—The dry peas are excellent for table, and find ready sale during the winter. They are very hardy and prolific. Vines make excellent forage or hay. This pea has proven a great success in the dry land or non-irrigated districts of the west. Its roots seem to penetrate deeper and stand drought and heat better. Especially adapted to hot, dry nonirrigated districts.

Postpaid (5 lbs. \$1.25) (10 lbs. \$2.25).

## Dwarf Essex Rape

An excellent forage crop for Sheep and Hogs, belongs to the cabbage family. It produces a mass of broad, smooth leaves which are greatly relished by Sheep and Hogs. It can be pastured off and when stock is removed, if not eaten too close, it will grow up again and give a second crop. It does best on rather moist land, but will do well in any good soil. The seed is usually sown broadcast, using about 5 pounds per acre. Sow from the first to the middle of August. If sown broadcast on corn ground after the last cultivation it makes good pasture after the corn is removed.

Postpaid (5 lbs. \$1.50) (10 lbs. \$2.75).

## Sunflower

Quite extensively grown for feeding. Sow in rows 3 to 3½ feet apart and thin to a foot apart in the rows. Treat the same as corn. Use 10 to 12 pounds of seed per acre. Sunflower are often used to mix with corn when filling a silo. It is claimed that the mixture makes a better ensilage than pure corn.

**MAMMOTH RUSSIAN**—The variety commonly used to produce seed and for filling silos. The heads are often one foot across and are filled with striped seed which makes most excellent feed for poultry.

Postpaid (1 lb. 35c) (5 lbs. \$1.50) (10 lbs. \$2.50).

## Soy Beans

Soy Beans are valuable for hay, seed, or for soil improvement, are easy to grow and are valuable for soil too poor for other legumes. They withstand both drought and heat well, make a good emergency crop, as they can be sown late. They deposit large quantities of nitrogen in the soil, building up poor soils on which clover or alfalfa cannot be grown.

Soy Beans, as a hay crop, are higher in protein content than clover, hay, and for dairy cattle, the hay is equal to alfalfa hay. They make good ensilage grown with Corn and are also used for hog pasture.

**CULTURE**—Soy Beans require about the same treatment as corn, and will grow on various types of soil, even in ground containing too much alkali for corn. Do not plant Soy Beans too early. Corn planting time is about right. Seed should be inoculated with Nitragin for best results. Soy Beans may be drilled like grain or broadcasted, using 90 to 100 pounds of seed per acre. If planted in rows like corn and cultivated, use 30 to 40 pounds per acre.



**ILLINI**—110 days. Is an early yellow variety, outstanding for all purposes, hay, feed, hogging down as well as for planting with corn for silage. A good average crop will produce 20 to 30 bushels of beans per acre. Illini is a robust grower of vines which stand up well and are easily cut with a corn or grain binder. The beans are yellow with brown hilum, pods 2 to 3 seeded, averaging 2700 seeds to the pound; oil content 18.6%.

Postpaid (5 lbs. \$1.25) (10 lbs. \$2.25).

**DUNFIELD**—105 days. A robust grower of vines which stand up well and are easily cut with corn or grain binder. Seed is yellow, pods 2-3-4 seeded, about 2300 seeds to the pound. Oil content 18.9%. Average yield about 25 bushels per acre.

Postpaid (5 lbs. \$1.25) (10 lbs. \$2.25).

## Buckwheat

Buckwheat is easily raised and will make profitable crops on rather poor land, where other grain would fail. It is also largely used as a cover crop in orchards. Sow in June or July, using 50 pounds of seed to the acre.

**JAPANESE**—This is the largest buckwheat. The plant makes a more vigorous and larger growth than the common kind and yields more.

Postpaid (5 lbs. \$1.25) (10 lbs. \$2.25).

## Flax Seed

**WILT-RESISTANT**—Flax is the best and most profitable crop for sod or new lands, growers frequently realizing more from flax on sod than from wheat on old ground. Sow early, as soon as possible after danger from frost has passed. To raise seed sow one-half bushel per acre; for fibre, one bushel.

Postpaid (5 lbs. \$1.25) (10 lbs. \$2.25).



## New Improved Ceresan

A new dust disinfectant for seed oats, barley, wheat, and other cereals made by the manufacturers of Semesan. Effective in controlling seed borne diseases, such as Loose-Smut of oats, Stinking-smut of Wheat, etc. One pound treats 32 bushels of seed.

Not Postpaid (1 lb. 80c) (4 lbs. \$2.70) (8-lb. can \$5.40) (25 lbs. \$15.00).

Ask for Special Quantity Prices on Field Seeds and Farm Seeds





## FERTILIZERS

### VIGORO

A complete plant food, especially prepared to furnish grass, trees, shrubbery and flowers the plant elements necessary for maximum growth and flowering. It is free from dust, has no unpleasant odor, and is easy and pleasant to apply.

Postpaid: (lb. 25c) (5-lb. pkg. 70c) (10-lb. pkg. \$1.15).

Not Postpaid: (lb. 10c) (5-lb. pkg. 45c) (10-lb. pkg. 85c) (25 lbs. \$1.50) (50 lbs. \$2.50) (100 lbs. \$4.00).

**VIGORO PLANT TABLETS (24 Tablets, 15c). Postpaid.**

### SACCO

Sacco has many times the actual plant food value of ordinary manure and is free from offensive odors. A single application brightens a lawn in one week's time and produces an extraordinary growth and bloom among flowers and shrubbery. Easy to apply. Full directions on each package.

Postpaid: (5-lb. pkg. 70c) (10-lb. pkg. \$1.15).

Not Postpaid: (5-lb. pkg. 45c) (10-lb. pkg. 85c) (25 lbs. \$1.50) (50 lbs. \$2.50) (100 lbs. \$4.00).



## SEED INOCULANTS

**NITRAGIN**—Alfalfa, all clovers, soy beans, cow-peas, vetch, peas and beans should all be inoculated with this original soil inoculator. Nitragin will produce more vigor and vitality. Increase your yield and add fertility to the soil.

INOCULATE ALL LEGUME SEEDS WITH

## NITRAGIN

1890—FORTY-SIX YEARS OF SERVICE—1944

When ordering, Always state name of seed.

### ALFALFA

Swt., Bur, Hubam Clovers  
Size Retail  
1 bu. each...\$ .50  
2½ bu. each... 1.00

### CLOVERS

Medium & Mammoth Red,  
Alsike, Crimson & White  
Clovers  
1 bu. each...\$ .50  
2½ bu. each... 1.00

### LESPEDeza

100 lb. size (Inoculates  
up to 100 lbs.) ..\$ .50

### PEAS (All Varieties)

**VETCHES (All Varieties)**  
100 lb. size (Inoculates  
up to 100 lbs.) ea. \$ .50  
1200 lb. size ea. 5.70  
(12-100 lb. cans)

### LUPINES (All Varieties)

100 lb. size (Inoculates up to 100 lbs. seed) ea. \$ .50

**GARDEN SIZE**—Peas, Beans, Sweet Peas, Lupines  
Enough for 8 lbs. seed — Retail Price 10c each

### SOYBEANS

Size Retail  
Small, (Inoculates up  
to 120 lbs. seed) \$ .30  
5 bu. each..... .55  
25 bu. each..... 2.50  
(One can)  
30 bu. each..... 3.25  
(6-5 bu. cans)

**BEANS**—Navy, Pinto,  
String, Wax, Kidney  
1 bu. each .....\$ .35

### PEANUTS, LIMA BEANS, COW PEAS

Small, (Inoculates up  
to 120 lbs. seed) \$ .30  
5 bu. each..... .55  
25 bu. each..... 2.50  
(One can)  
30 bu. each..... 3.25  
(6-5 bu. cans)

## DISINFECTANTS

TREAT BEFORE PLANTING WITH



FOR DISEASE PROTECTION

Increase Your Garden Pleasure and Your  
Farm Profits by Preventing Losses

From Plant Diseases

Disinfect all seeds, bulbs and potatoes that are to be planted; increases germination, protects seedlings, produces stronger and more vigorous plants that will produce better crops, reduce dampening-off, prevents seeds from rotting in the ground and controls smut. We suggest that you use the following:

**SEMESAN**—For Vegetables and Flower Seeds and Bulbs. Price: (½ oz. 10c) (2 oz. 40c) (12-oz. cans \$1.88) (5 lbs. \$11.40). Not postpaid.

**SEMESAN BEL**—For Seed Potatoes. Prices: (2 oz. 30c) (lb. \$1.65) (4 lbs. \$5.70). Not postpaid.

**SEMESAN JR.**—For Field and Sweet Corn Seed. Prices: (1½ oz. 15c) (12 oz. 56c) (6¼ lbs. \$3.75). Not postpaid.

**NEW IMPROVED CERESAN**—For Wheat, Oats, Barley, Flax, Sorghums and other cereals. Prices: (4 oz. 30c) (lb. 80c) (4 lbs. \$2.70) (8 lbs. \$5.40) (25 lbs. \$15.00). Not postpaid.

**ARASAN**—For Vegetable Seeds, including Lima Beans, Sweet Corn and Peanuts. Prices: (1 oz. 16c) (8 oz. 80c) (5 lbs. \$6.45). Not postpaid.

PROTECT  
SEEDS  
WITH

*Spergon*

A new fungicide for treating seeds, with resulting increases in stand and yield. Suitable for any kind of seeds, it is SAFE for delicate seeds and safer for the operator, PROTECTS against "damping off" and seed decay, STIMULATES growth, healthy plants and higher yields. It may be used with inoculants, and peas treated with it require no graphite. It retains its strength, coats evenly, adheres well. Contains no mercury or copper.

### Size Package

	Price
2 oz. pkg.	.....\$ .33
1 lb. can	..... 2.16
5 lb. drum	..... 9.95
10 lb. drum	..... 18.50
50 lb. drum	..... 87.50
100 lb. drum	..... 153.00

F.O.B. Denver

### SUGGESTED DOSAGES FOR SEED

	For 100 lbs. oz.	For 1 lb. Teasp.		For 100 lbs. oz.	For 1 lb. Teasp.
Beans	4	¼	Okra	10	1
Broccoli	6	½	Parsley	16	1½
Carrot	8	¾	Parsnip	20	1¾
Corn, Sweet	3	¼	Peas	4	¼
Egg Plant	8	¾	Pepper	13	1¼
Endive	12	1	Spinach	14	1¼
Lettuce	21	2	Tomato	12	1
Muskmelon	12	1	Water- melon	12	1



## Standard Insecticides and Fungicides

Write for prices on large quantities. Owing to unsettled market conditions all prices are subject to market changes

### ACME VEGETABLE AND FLOWER GARDEN DUST

—To be used as a Spray or dust. A combination of Nicotine and Arsenate of Lead. (1 lb. pkg. 40c) (4-lb. bag 75c).

## ANT-B-GON Dispensers



Feed alluring,  
untampered  
poison constantly

**ANT-B-GONE—Dispenser Sets**—For Argentine and Sweets Eating Ants. The poison is alluring, attracts ants to feed and carry the poison to their nests. Large dispensers are filled with full ounce of poison which feeds slowly and constantly through patented wick, always fresh, alluring and clean to last drop. Dispensers are easy to refill, no dead ants to wash out first. (1-Oz. dispensers, 4 to Set, 60c each). Not postpaid.

**ARSENATE OF LEAD**—The standard spray or dust for quick, dependable control of practically all leaf-eating (not sucking) insects. (Lb. 35c) (4-lb. pkg. 75c). Not postpaid.

**ARSENITE OF ZINC**—Arsenite of Zinc is a very highly desirable type of poison for use where quick results are desired. Arsenite of Zinc ranks next to Paris Green as the strongest of all arsenical insecticides. (4-lb. bag 80c). Not postpaid.

### "Black Leaf 40"

If you have a garden, an orchard, a farm, a flock of sheep a herd of cattle, a flock of poultry, "Black Leaf 40" can serve you. Be sure you get genuine "Black Leaf 40" in the original full strength, sealed packages.

Prices, not prepaid: (1 oz. 36c) (5 oz. \$1.05) (1 lb. \$2.50) (2 lbs. \$3.70) (5 lbs. \$6.90) (10 lbs. \$11.65). If wanted by parcel post, add postage.

**BASIC COPPER ARSENATE (BCA)**—A new product containing both Copper and Arsenate of Lead and will control both insects and blight. It is usually mixed with fine dusting Sulphur at the ratio of  $\frac{1}{2}$  B.C.A. and  $\frac{3}{4}$  Sulphur. Recommended for use on Potatoes and Beans. (Packed 50-lb. bags at 28c per lb.), f.o.b. Denver.

## NEW! BUG-GETA PELLETS Compressed BAIT



**NEW BUG-GETA PELLETS COMPRESSED BAIT**—For use against Snails, Slugs, Cutworms, Sowbugs, Earwigs, Grasshoppers and Strawberry Root Weevil. Easy to use—just scatter on wet ground—clean to handle and very economical. (12-oz. carton 25c) (2-lb. carton 50c) (5-lb. carton \$1.00) (25-lb. bag \$3.60). Not postpaid.

**BORDEAUX MIXTURE**—(Dry)—The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. One pound will make 5 gallons liquid. (Lb. 32c) (4-lb. pkg. 75c). Not postpaid.

**CONTAX PRUNING PAINT**—A modern, plastic pruning and grafting composition, for use as a general pruning paint, a grafting compound for trees and in connection with tree surgery operations. (Pint 35c). Not postpaid.

**CALCIUM ARSENATE**—Used as a spray or dust for insects on cucumbers, melons and squash. Can be combined with Bordeaux to control blight and certain other fungus diseases. (Lb. 25c) (4 lbs. 45c). Not postpaid.

### COPPER SULPHATE OR BLUE VITROL

This is a preventive of smut in your grains, and when the seed goes through a solution of vitriolized water the crop produced therefrom will be clean and free from smut. One pound of Blue Vitrol dissolved in 20 gallons of water makes a suitable solution for treating 30 bushels of wheat or barley for smut.

**Fine Crystals**—Postpaid: (5 lbs. \$1.20) (10 lbs. \$2.25).

**Not Prepaid:** (5 lbs. 90c) (10 lbs. \$1.75) (25 lbs. \$4.00).

**Powdered**—Used in making Bordeaux Mixtures and Copper Solutions. Postpaid (5 lbs. \$1.40) (10 lbs. \$2.50). Not prepaid (5 lbs. \$1.10) (10 lbs. \$2.00) (25 lbs. \$4.50).

**COPPER CARBONATE 50% (Acme)**—A popular preparation for treatment of seed wheat against smut. Is used dry and the seed may be treated in the winter without injury to it. Two ounces treats one bushel of seed. (5 lb. pkg. \$1.50) (case 50 lbs. \$12.50). Not postpaid.

**DRY LIME-SULPHUR**—Exactly like lime-sulphur solution except that the water has been taken out. For fall and spring spraying, use 12 to 15 lbs. to 50 gallons water. Summer spraying, 2½ to 3 lbs. to 50 gallons water. (1 lb. 35c) (5 lbs. \$1.45) (12½-lb. bags, \$2.00). Not postpaid.

**DN-SULPHUR DUST No. 10**—For the control of Red Spider Mite, Thrip and Rust on Carnations. Economical to use in greenhouse as one pound of dust will cover from 400 to 800 square feet of bench space. Effective for five or six days after application. Can be washed off easily. (10-lb. pkg. \$3.50), f.o.b. Denver.

**DOW'S DN DUST No. 12**—To control Red Spider Mite, Thrip and White Fly on Roses, Calla Lillies, Snapdragons, Gardenias, Chrysanthemums and Carnations. (10-lb. pkg. \$4.50), f.o.b. Denver.

**DOW'S DN-111**—For the control of red mites on Apples. Use 1¼ lb. to 100 gallons of spray. Can be combined with arsenicals and sulphur. (1¼-lb. Pkg. 90c) (30-lb. case \$18.00), f.o.b. Denver.

**LIQUID ROTENONE**—Is effective against cabbage worms, cucumber and melon beetles, aphids, leafhoppers, currant worms and most other insects, both chewing and sucking. Harmless to man and beast. Easily applied with any sprayer. One ounce makes six gallons of spray.

Prices: (1 oz. 35c; by mail, 40c) (6 oz. \$1.00; by mail, \$1.10).





**KRYOCIDE**—A dependable fluorine insecticide, to be used as a water spray or a mixed dust. Effective in controlling most chewing insects. Does not lose any of its strength when exposed to sunlight or weather.

Price: (1b. cans 40c) not postpaid.

**KRYOCIDE D-50**—A ready mixed dust combination of Kryocide and Sulphur to be used as an insecticide and fungicide. Especially effective on potato and tomato insects.

Price: (1b. can 50c) (3-lb. bag 85c) not postpaid.

**LONDON PURPLE**—Use as a dust or spray for all chewing insects. This poison should not be used on vegetables. (4-lb. pkg. 45c) (24-lb. case \$2.50). Not postpaid.

**PARIS GREEN**—Oldest and best brand. For chewing insects on Potatoes and certain other hardy plants. Kills quickest. (¼ lb. 20c) (1b. 55c) (5-lb. pkg. \$2.35) (14 lbs. \$5.40). Not postpaid.

**ORTHO ROSE SPRAY KIT**—A combination kit containing special introductory size of a 2-oz. bottle **EXTRAX** Insect Spray and a 2-oz. bottle of **GREENOL** Liquid Fungicide. Makes 12 gallons Combination Rose Spray. Also useful on many other plants. "Extrax" for use against many common insect pests, and "Greenol" for use against Powdery Mildew. (Kit, \$1.00 each), not postpaid.

**S-W ROTO-DUST**—Contains .4% Rotenone fortified with 2% Lethane, an activator, is equivalent in killing power to dusts containing .75% Rotenone. Will kill many plant insects including all kinds of aphids and chewing insects. (Lb. bags 35c), not postpaid.



## SCRAM DOG REPELLENT

A special powder used to keep dogs away from shrubs, flowers, lawns, store fronts, porches, etc.  
Easy to use.

Does not harm animals.

8-oz. Shaker..... 49c

**SULPHATE OF IRON**—A remedy for weeds on lawns. Kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. (Lb. 10c) (5 lbs. 40c) (10 lbs. 75c) (25 lbs. \$1.50) (100 lbs. \$4.00). Not postpaid.

**VOLCK Nursery and Garden Spray**—The improved Volck Oil Spray for Nursery and Home Garden use. A contact Insecticide Spray carrier, spreader and sticker for use on many Nursery and Garden Plants, effective against Mealybugs, red spiders and mites, scale insects and white flies. 4 oz. bottle, 25c; 16 oz. 50c; half gallons, \$1.25; 5 gals., \$8.50. Not postpaid.

**GARDEN "VOLCK"**—A contact spray containing Nicotine, spreader and penetrant. One of the best known General Garden Sprays. 4 oz. bottle, 35c; 16 oz., 85c; ½ gallons, \$2.50; 5 gallons, \$10.00. Not postpaid.

## CUPROCID

**YELLOW CUPROCID**—Is a new, highly effective spray material in the form of a dry powder. It suspends readily in water. For control of damping-off in its second stage, spray seed bed immediately after planting seed and once more before seedlings appear. Spray seedlings every 7 to 10 days. Especially good for the control of blight and leaf spot on celery, tomatoes and potatoes; 3-lb. package makes 200 gallons of spray. (3-lb. pkg. \$1.40) (case, 48 lbs. \$20.20). Not postpaid.



**ROCKY MOUNTAIN CUPROCID DUST No. C-5**—Recommended as a specific control of plant fungus diseases such as late and early blight on potatoes, leaf spot and early blight on tomatoes; early and late blight and rust on celery; contains 5 per cent Cuprocid and the remainder inert carrier. Contains no lime, consequently is safe to use on all types of plants. Price: (100 lbs. \$8.00). Not postpaid.

## NON-POISONOUS PYROCIDE DUST

HIGH IN KILLING POWER  
UNIFORM

### Pyrocid Dust Combinations

Pyrocid Dust will not be available this season, as supplies of Pyrethrum have been allocated to the Army and Navy. We suggest using R-60 Dust, Free Nicotine Dust, No. 20-C Dust and BCA Dust.

**ROCKY MOUNTAIN FREE NICOTINE DUST**—This material is recommended for the specific control of aphids (plant lice) and thrips. Contains Free Nicotine and requires no lime to liberate the nicotine fumes. Being lime free it is safe to use on practically all truck crops.

**3 PER CENT FREE NICOTINE DUST**—Price: (100 lbs. \$15.00). Not postpaid.

**ROCKY MOUNTAIN 3 PER CENT FREE NICOTINE DUST WITH SULPHUR**—Price: (\$16.00 per 100 lbs.). Not postpaid.

**ROCKY MOUNTAIN BCA DUST**—Contains Arsenic, copper and sulphur. An insecticide and fungicide for use on Potatoes, Tomatoes and Beans for the control of insects and blight. (25-lb. bags \$4.00) (100 lbs. \$14.00). Not postpaid.

**KOPPER KING DUST No. 10**—Recommended for the control of early and late fall blight or rust of celery. Dust plants at first sign of blight and dust at intervals of every ten days in order to keep plants thoroughly covered. Copper has a stimulating effect on the growth of plants resulting in increased yields and higher quality produce. Price: (100 lbs. \$8.00). Not postpaid.

**ROCKY MOUNTAIN POTATO DUST No. 20-C**—A combination of Cryolite, Yellow Cuprocid, and sulphur. If applied as the insects and diseases first appear and repeated as needed will satisfactorily prevent or control such pests as flea beetles, Colorado potato beetle, and psyllids; and such diseases as early and late blight. Price: (\$12.00 per 100 lbs.). Not postpaid.

**ROCKY MOUNTAIN R-60 DUST**—A combination of Lethane, Rotenone and Sulphur. Recommended for the control of many sucking and chewing types of truck crop insects such as pea aphids (and other plant lice), cabbage loopers, leaf hoppers, pea weevils, and Mexican bean beetles. Inquire, if available.

**ROCKY MOUNTAIN SPI-DO-SPRA**—An all around garden insect spray recommended for the control of aphids, flea beetles, leaf hoppers, white fly, mealy bugs, spider mites, thrips and scales. Contains thiocyanate and rotenone. Is a contact spray and considered to be non-injurious to warm blooded animals. Dilution 1-400. Price: (1 gallon \$7.50). Not postpaid.



## Dusting Sulphurs

**"ELECTRIC BRAND" Super Adhesive Dusting Sulphur**—325 mesh, 99.8% pure. A processed distilled sulphur possessing superior adhesive properties, non-lumping and of finest texture. Makes excellent combination dust with stomach poisons and contact insecticides.

(100 lbs. \$3.75) (500-lb. lots \$3.65 per cwt.) (1000-lb. lots \$3.55 per cwt.), f.o.b. Denver.

**"SWAN BRAND" Superfine Ventilated Dusting Sulphur**—325 mesh, 97.5% pure. A very high grade superfine ventilated dusting sulphur containing 2½% filler non-lumping, free-flowing and dusty.

(100 lbs. \$3.50) (500-lb. lots \$3.40 per cwt.) (1000-lb. lots \$3.30 per cwt.), f.o.b. Denver

**"OWL BRAND" Dusting Sulphur**—325 mesh, 99.5% pure. A superfine crude sulphur containing no filler. Recommended for use in self-mixing dusters. Compatible with stomach poisons and contact insecticides. Use modern high powered duster or bellows type hand duster.

(100 lbs. \$3.25) (500-lb. lots \$3.15 per cwt.) (1000-lb. lots \$3.05 per cwt.), f.o.b. Denver

**"TRIANGLE BRAND" Commercial Flour Sulphur**—Not recommended for dusting, but used as a soil corrective on alkali soils and sealing seed potatoes, also used for stock feeding

(100 lbs. \$2.65) (500-lb. lots \$2.55 per cwt.) (1000-lb. lots \$2.45 per cwt.), f.o.b. Denver.

## Wettable Sulphur

**"MAGNETIC SPRAY" Wettable Sulphur**—98.5% pure. A specially processed sulphur possessing superior adhesive properties, and containing not more than 12½% wetting agents. Easily dispersed in spray tank. Use for spraying fruit trees, berries, flowers and ornamentals.

(100 lbs. \$6.75), f.o.b. Denver.

**"CROWN BRAND" Wettable Sulphur**—95% pure. A processed sulphur of high adhesive properties assuring adherence to foliage. It wets quickly and easily even in hard water, remaining in suspension for an unusually long time. Recommended for use on potatoes as a wet spray. Also excellent to build up weak Lime Sulphur sprays; use 4 lbs. to replace each gallon of 32 degree Baume Lime Sulphur solution left out.

(4-lb. pkg. 50c) (case, 24 lbs. \$2.25)

(100 lbs. \$5.75 (500-lb. lots \$5.65 per cwt.) (1000-lb. lots \$5.55 per cwt.), f.o.b. Denver.

## PEAT MOSS

Peat Moss is a remarkable soil conditioner and mulch. Added to the soil, it makes it loose and friable and increased its air and moisture holding capacity. It readily absorbs 13 to 15 parts of water to one part of Peat Moss. Peat Moss supplies humus to the soil. Can be used to good advantage in hot beds and plant beds in holding moisture and developing a strong root system. Use the Horticultural grade for Greenhouse, Truck Gardens, Landscaping and Lawns. Use Poultry Grade for litter for baby chicks and for poultry house.

**HORTICULTURAL GRADE**—Imported Canadian. Extra Fine Quality—Large bales, \$4.00 per bale; ½ bales, \$2.25; f.o.b. Denver.

**POULTRY GRADE**—Canadian, large bales, \$4.00 each, f.o.b. Denver.



**VEGETABLE SPRAY for Root Maggot control**—Very effective for the prevention of certain Root Maggots affecting Cabbages, Radishes, Turnips, Beets, Onions. Before transplanting or seeding, spray soil with a coarse spray, along the rows, 1 part Carco Vegetable Spray and 75 parts water. Spray every week, or oftener, with 1 part Vegetable Spray and 100 parts of water during the growing season. Use very coarse spray or pour on soil near plants, but do not put on foliage. Repeat after rain. ½ Pints, 50c each; Pints, 75c each; Gals., \$2.00, not postpaid.

**HY-TROUS LIQUID FERTILIZER**—One quart makes 64 gallons of balanced fertilizer for lawns, flowers, shrubs and gardens. Use one tablespoon to a gallon of water and thoroughly saturate the soil around plants at least once weekly; water well with plain water between applications. Price: (Pint 99c), (Quart \$1.79), not postpaid.



## Compressor Air Sprayers

### Brown's Open-Hed Sprayers

The very latest in Compressed Air Sprayers; electrically welded and hot galvanized after fabrication, insuring strongest possible construction. Large 5-inch diameter opening for easy filling and cleaning. Automatic shut-off has new hold-open feature. Sprayer is furnished with two-stage safety lock, easy grip rubber handles and extra wide carrying strap. Equipped with 22-inch extension, 20-inch 5-ply hose, shut-off and nozzle.

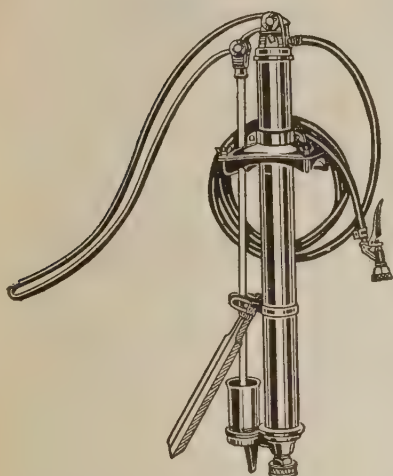
No. 4D, 4-gal. galvanized. Price \$7.50, not postpaid.

### THE CHAMPION ALL-PURPOSE SPRAYER



The Champion Sprayer is economical and efficient. Awkwardness of handling is obviated by the position of the tank on the back of the operator. Its scientific nozzle design is adjustable for all types of spraying. The flow can be regulated from mist to stream with no changing of parts, simply turn the nozzle to the left or to the right. A high pressure of 200 pounds provides a stream of from forty to fifty feet when opened. The plunger is made of synthetic rubber, guaranteed not to expand when used to spray gasoline, kerosene or any kind of oil or chemicals. Is efficient for whitewash, cold water painting and all general purposes. All brass construction so that it will not rust or corrode. An excellent sprayer is a necessity in growing successful truck crops. Price \$22.50, postpaid.





**HIGH POWER BARREL PUMP**—Will accommodate two leads of hose and maintain 225 lbs. pressure with minimum effort. Particularly adaptable for spraying whitewash, cold water paints, disinfectants and insecticides. 2 inch seamless brass cylinder. All brass working parts. 2-inch air chamber and vertically operated agitator. Removable brass strainer screen. Complete with 8 ft.  $\frac{3}{8}$  inch spray hose, shut off nozzle and brackets (barrel not furnished). Price \$12.55, f.o.b. Denver.

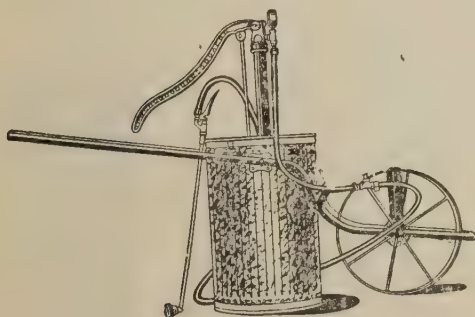
**HEAVY DUTY BARREL PUMP**—For medium heavy work such as spraying orchards, vine-

yards and garden crops. Also for whitewash, cold water paints and disinfectants. Die cast nozzle body with brass parts.  $1\frac{3}{4}$ -inch air chamber maintains 200 lbs. pressure. Complete with 12 $\frac{1}{2}$ -ft.  $\frac{3}{8}$ -inch spray hose, shut-off nozzle and bracket (barrel not included). Price: \$15.75, f.o.b. Denver.

**GOLIATH BARREL PUMP**—Our largest and best barrel pump. Designed for center, top or side barrel mounting. Double wooden paddle toggle agitators. Will maintain 300 lbs. pressure. Double hose outlets. 2 $\frac{1}{2}$ -inch seamless pump cylinder. All brass working parts. Die cast nozzle body with brass parts. 2-inch diameter air chamber. Complete with 12 $\frac{1}{2}$ -foot  $\frac{1}{2}$ -inch spray hose, shut-off nozzle and barrel mountings (barrel not included). Price: \$17.50, f.o.b. Denver.

#### WHEELBARROW SPRAYER No. 57—

A complete portable spraying unit for one-man operation. Rigidly constructed to withstand heavy use. 18 gallon heavy corrugated galvanized tank, top and bottom reinforced bands, heavy duty pump, five gallon 12 gauge storage tank enabling spraying to continue after cessation of pumping. Maintains 200 lbs. pressure with 1 $\frac{3}{4}$  in. seamless brass pump cylinder and 1 $\frac{3}{4}$  inch steel air chamber. All pump working parts of brass with removable brass strainer screen. 12 $\frac{1}{2}$  ft. spray hose, 32 inch iron extension, automatic shut-off with stay open feature. Shipping weight 98 lbs. Price \$34.50, f.o.b. Denver.

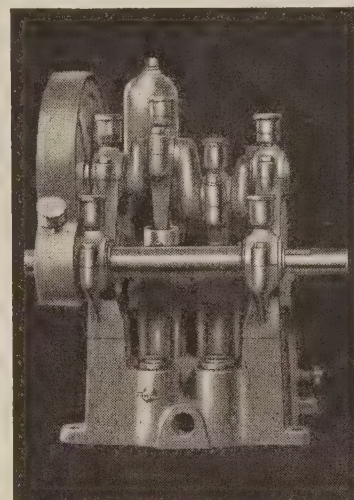


pounds pressure with 1 $\frac{3}{4}$ " seamless brass pump cylinder and 1 $\frac{3}{4}$ " steel air chamber. All pump working parts of brass, with removable brass strainer screen. 32" iron extension. Pump can be removed so that tank and barrow may be used for carrying grain and liquids. Equipped with 12 $\frac{1}{2}$ -ft. hose. Shipping weight 70 lbs. Price: \$22.50, f.o.b. Denver.

#### WHEELBARROW SPRAYER No. 49—

A portable wheelbarrow sprayer most efficient when used with two operators. Rigidly constructed to withstand heavy duty uses. 18 gallon heavy corrugated galvanized tank with top and bottom reinforcing bands. Heavy duty pump maintains 200

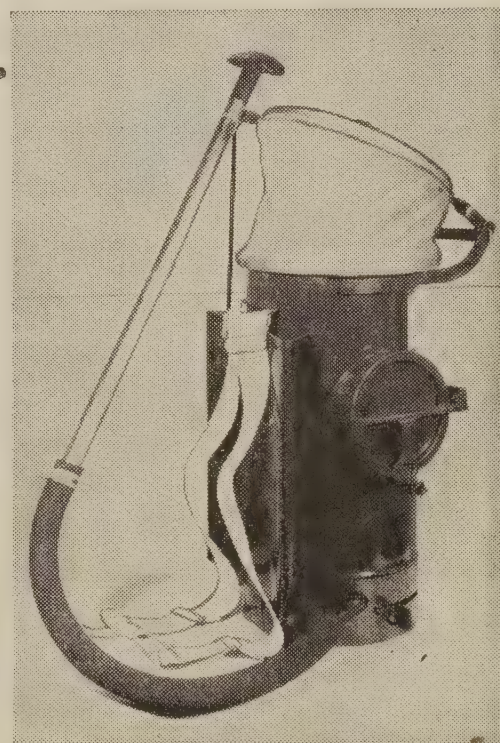
## Hardie Celery and Potato Sprayer



Hardie No. 99 Pump

Here is the greatest light duty spray pump ever built All new—in every detail just like the big Hardies. Two 1 $\frac{1}{2}$ "x2" fully lubricated plungers and cylinders of standard Hardie construction. Operates at slow speed—100 to 120 R.P.M. Delivers 4 gallons per minute at 300 pounds pressure easily. Strong and sturdy in every part. Especially designed for all general spraying in its capacity range, estates, greenhouses and wherever a powerful, dependable light duty sprayer is required.

These sturdy pumps have been used by our local growers to mount on their small tractors, such as General Farmall A, Fordson and John Deere. They are so connected that the grower can cultivate and spray at the same time. This gives them a very economical and effective power sprayer at very low cost. Price, \$95.00, f.o.b. Denver, Colo.

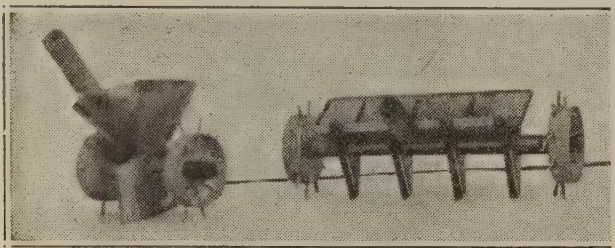


## CHAMPION DUSTER SINGLE ACTION

Knapsack type, large, powerful bellows. Easy to operate, will thoroughly crush sulphur and handle all standard dusting materials. May be adjusted for light or heavy application. Capacity, 15 to 20 pounds material. Price, \$19.50, postpaid.



## Improved Hotbed Seeders



Practical small seeders for hotbeds and benches in greenhouses and also for outdoor seeding in places where a large seeder cannot be used. For most kinds of small seeds, such as Celery, Cabbage, Cauliflower, Radish, Turnip and many others.

**4-Row Seeder.** Is about 10½ inches long and seeds 4 rows 2¼ inches apart. **Price \$8.00, postpaid.**

## Aeroil Weed Burners



**No. 99 GIANT BURNER**—A heavy duty model of the famous No. 99 Weed Burner, produces flame 36" long by 4" wide, 2000° F. Includes 5-gal. copper bearing, extra heavy galvanized steel fuel tank with all seams welded and tested to 100 lbs.; 2" brass air pump; 60-lb. pressure gauge, handtight combination filler cap and air release, easy grip handle on tank, 7-ft. Thiokol lined oil resisting hose, and seamless steel removable coil burner with windshield, combination valve-strainer and carrying handle. Shipping weight 30 lbs. Average fuel consumption, 1½ gals. per hr. **Price, complete, \$22.75, f.o.b. Denver.**

### No. 99 SENIOR WEED BURNER

—A smaller model than the Giant, with 4-gallon copper bearing, extra heavy galvanized steel fuel tank, all seams welded and tested to 100 lbs., 60-lb. pressure gauge, 1½" Brass-bronze unions; seamless steel removable coil burner with windshield and combination valve strainer and carrying handle which is detachable. Tank has a snap-on web adjustable shoulder strap. Shipping weight, 21 lbs. Average fuel consumption, 1 gallon per hour. **Price complete, \$21.00, f.o.b. Denver.**

**SPRAY ATTACHMENT for No. 99 WEED BURNERS**—will fit either model, at \$3.25, postpaid.

**ASPARAGUS BUNCHER**—The buncher is made adjustable, so as to make it convenient for user, when desiring to change the diameter or length of bunch. By using this tool the Grass is not bruised. Makes 4" to 5" bunch, 8 to 10 inches long. Can also be used to bunch Broccola. **Price \$4.50, not postpaid.**

## RAFFIA

For bunching Vegetables and tying up plants. In original skeins weighing from 1½ to 2½ lbs. Natural color. **60c per lb., postpaid.**



## Germaco Hotkaps

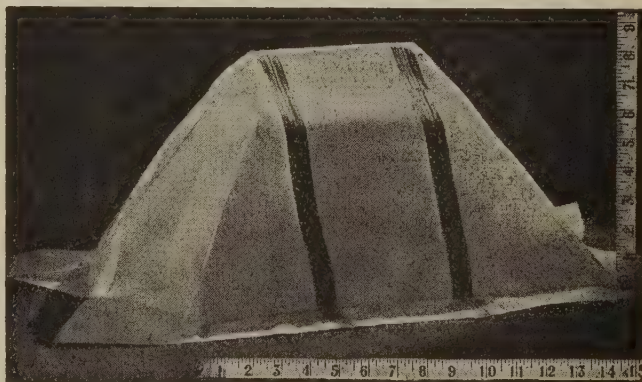
### HIGHER PRICES FOR YOUR CROP

**HOTKAPS** are waxed paper cones, easily set out over seed or grown plants. They guard against rain, frost, cold, wind, hail, birds and insects, and maintaining perfect mulch. Growth is forced and yield is increased 10 to 25 per cent. Crops mature 2 to 3 weeks earlier and bring premium prices.

**Prices: 1000 lots, \$11.00; 5000 lots, \$10.75; 100 home packages, including garden setter, \$1.95, postage extra.**

### Hotkaps Home Garden Package

Opens a vast new market. 25 **HOTKAPS** nested in a sturdy cardboard setter for the Home Garden Grower of both Flowers and Vegetables. **60c, postpaid.**



## Hotents

**"THE LARGEST AND STRONGEST PROTECTOR"**  
**552 Cubic Inches of Protected Area**

Hotents are designed to protect and force all varieties of plants where a large plant protector is needed. They are made of a paper which is extra strong. It is rot-proof and allows the rays of the sun to penetrate and at the same time retain this heat. Hotents are strong, being supported by two wire bows. All the space within the protector is available for the growing plant. Especially recommended for Melons, Tomatoes, Peppers, etc. Packed 500 to package. Weight 35 lbs.

**Prices: \$2.00 per 100; \$4.50 for 250; 500 for \$8.00; \$15.00 for 1000, not postpaid. Hotent Setters, \$1.50 each, not postpaid.**

### Master Rapid Plant Setter

You can raise a larger, better crop of tomatoes, cabbage, cauliflower, sweet potatoes, tobacco, etc., and do it easier, if you use Master's Rapid Plant Setter.

This machine is a handy tool that positively eliminates all the hard labor of transplanting the plants. It is easy and pleasant to operate and more than three times as fast. A man simply walks along in an upright, comfortable position and will set, water and cover 8,000 to 15,000 plants per day and never has to bend his back at all. **Price \$6.00, postpaid.**





## Pest Exterminators



### MOUSE SEED

A saucer and the seed is all you need to rid your place of mice. A natural seed, chemically treated, to appeal to the mouse, yet is fatal to them. Pour a small quantity of the seed into a saucer and place where you find traces of mice, and results will be quickly obtained. They devour the seed eagerly. Price, per pkg. 25c, postpaid.

**OLD TRAPPER RAT KRUNCHES**—Are crunchy, tasty pellets made of six edible foods found to be most attractive to rats and mice. They are ready for use, no mixing, fuss or bother, just scatter around where signs of rodents are evident. Are relatively harmless to human beings and domestic animals, but exceedingly toxic to rats and mice. Package contains over 100 baits, a sufficient amount to kill from 40 to 50 rats. Price per package 25c, postpaid.

**RAT LUNCHES**—A new, scientifically prepared rat exterminator that may be used anywhere. Wrapped in moisture-proof packages in assorted colors. Packed in cellophane bags. Price: 15 lunches 25c; 35 lunches 50c, postpaid.

**CYANOGLAS** Kills rats, mice, ground hogs, wood chucks, prairie dogs, moles, pocket gophers, chinch bugs, ants and other insects.

**CYANOGLAS (A) DUST**—Is a grayish powder that gives off hydro-cyanic-acid gas when exposed to the air. This gas is deadly to rodent and insect pests and will kill them almost immediately.



Write us for special circulars giving full information about the use of Cyanogas. 1 lb. 75c, 5 lbs. \$3.00. Cannot be mailed.

**CYANOGLAS (G) FUMIGANT**—For greenhouse mushrooms, and soil fumigation. Scatter over the greenhouse walks and close to house for the night. Generates deadly hydrocyanic acid gas which is very effective in controlling aphids, thrips, white fly and soft scale. 5 lbs. \$3.00, 25 lbs. \$10.00. Cannot be mailed.

### CYANOGLAS ANT KILLER

For Lawn and Garden Ants. The activity of an ant colony centers around the queen. She never leaves the deeper part of the nest. To permanently destroy the colony it is necessary to kill the queen as well as worker ants.

Simply enlarge entrance of nest with a pointed stick. Adjust spout on can and flow a small amount of Cyanogas into the hole. Then close with dirt. 4-oz. can 30c. Cannot be sent by mail.



**RAT-X**—Liquid Rat and Mice Exterminator—Rat-X is so compounded that it is very palatable to rats and mice. Under normal conditions they will drink Rat-X in preference to water. It is extremely poisonous and requires only a few drops to kill the largest rats. Its killing action is relatively slow, usually taking from two to three hours after drinking. After drinking rats and mice will usually seek underground holes, thereby eliminating the bad feature of their dying behind sacks or other hiding places in the building and creating bad odors.

Rat-X is used by placing in small shallow containers (1 to 2 ounce capacity) such as Mason Jar Tops or Tops of baking powder cans, or paper dishes. Distribute these vessels about eight or ten feet apart throughout mills, elevator or building where mice and rats frequent.

Price, f.o.b. Denver: (1/2 pints 50c) (Pints 85c) (Quarts \$1.50) (Gallons \$4.50). Cannot be sent by mail.

### TRANSPLANTONE

(For Transplanting)

A powder containing root-forming hormones, Vitamin B1, and other elements which assure transplanting without loss. Full directions with each package.

Postpaid—1/2-Oz. Pkg. 25c; 3-Oz. can \$1.00; lb. can \$4.00.



### ROOTONE

(Hormone Powder for Cuttings)

Treat your cuttings with Rootone. It is foolproof. No skill required. It effectively prevents damping off of seedlings. Stimulates the natural tendency for roots to form on slips or cuttings, so that rooting takes place in a much shorter time, heavier root systems are formed and few cuttings die from disease.

Postpaid—1/4-Oz. Pkg. 25c; 2-Oz. can \$1.00; lb. can \$5.00.



### FRUITONE

The hormone spray for stopping premature drop of fruit, flowers and leaves. When sprayed on flowers or tomatoes and beans it produces better set and larger crop. Prevents premature drop of apples and pears.

Postpaid: 2/5 oz. Packet 25c, 2 oz. package \$1.00.

## WEEDONE

"TRADE-MARK"

**WEEDONE**—Is a syrupy liquid containing organic chemicals which act as weed killers when mixed with water and sprayed into the foliage of certain weeds. It penetrates the leaves, goes into the plant and down to the roots, killing the plant throughout. Most weed killers kill the plant top but not all the roots. All the foliage must be sprayed with

**WEEDONE** for a complete kill. Use one gallon of spray to 100 square feet for average conditions. Kills bindweed, plantain, crab grass, dandelions, ragweed and thistles. It kills the plant underground as well as above the ground. Does not irritate the skin. Does not corrode metals or spray equipment. Does not leave a residue on plants that is hazardous to live stock or pets. Does not sterilize the soil and it is non-explosive.

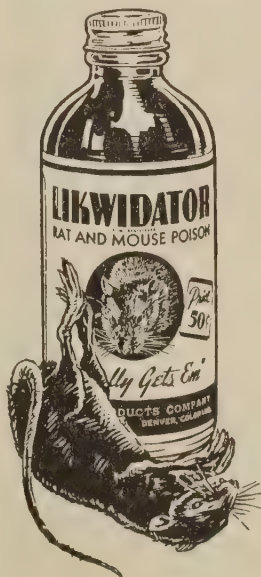
6 oz. bottle (makes 3 gallons of spray), \$1.00.

1 qt. bottle (makes 15 gallons of spray), \$4.00.

1 gal. bottle (makes 60 gallons of spray), \$12.00.

5 gal. can (makes 300 gallons of spray), \$55.00. Not Postpaid.

**LIK WIDATOR RAT AND MOUSE POISON**—A liquid exterminator that is very attractive to rodents. Used by placing a small quantity in shallow dishes near their holes. Price: (6-oz. bottle 50c) (16oz. bottle \$1.00). Not postpaid.





## Reference Table—Garden Seeds

Quantity of Seed Required	Per Acre	Time for Seeding	Time from Seeding to Maturity
Asparagus, 1 oz. to 800 plants.	4 lbs.	April 1st to June 1st.	2 to 3 years
Asparagus Roots, 3,000 to 7,000 plants	4 lbs.	April 1st to June 1st.	1 to 2 years
Artichoke Roots	500 lbs.	April 1st to June 1st.	120 to 150 days
Beans, Garden, 1 lb. to 50-foot row.	60 lbs.	May 10th to July 1st.	60 to 90 days
Beans, Field	40 to 60 lbs.	May 10th to July 1st.	60 to 90 days
Beets, Garden, 2 oz. to 100 ft.	6 lbs.	April 1st to July 1st.	70 to 90 days
Beets, Mangel	5 to 12 lbs.	April 1st to June 1st.	120 to 150 days
Beets, Sugar	10 to 16 lbs.	April 1st to June 1st.	120 to 150 days
Brussels Sprouts, 1 oz. to 3,000 plants.	4 ozs.	March 1st to May 1st.	90 to 120 days
Cabbage, 1 oz. to 3,000 plants.	4 ozs.	February 1st to May 1st.	90 to 120 days
Cauliflower, 1 oz. to 3,000 plants.	4 ozs.	April 1st to July 1st.	90 to 120 days
Carrots, 1 oz. to 100 ft.	4 lbs.	February 1st to June 1st.	90 to 100 days
Chicory, 1 oz. to 100 ft.	4 lbs.	April 1st to June 1st.	150 to 180 days
Sweet Corn, 1 lb. to 50 hills.	10 lbs.	March 1st to June 1st.	90 to 100 days
Collards, 1 oz. to 100 ft.	4 lbs.	May 1st to July 1st.	70 to 100 days
Corn Salad, 1 oz. to 100 ft.	5 lbs.	April to October	
Cress, 1 oz. to 100 ft.	3 lbs.	April 1st to June 1st	
Cucumber, 1 oz. to 100 hills.	4 ozs.	May 1st to July 1st.	60 to 90 days
Egg Plant, 1 oz. to 2,000 plants.	4 lbs.	March 1st to May 1st.	120 to 150 days
Endive, ½ oz. to 100 ft.	4 lbs.	March 1st to Sept. 1st.	90 to 100 days
Kale, 1 oz. to 3,000 plants.	3 lbs.	June 1st to August 1st	
Kohl-Rabi, 1 oz. to 300 ft.	4 lbs.	May 1st to August 1st.	90 to 100 days
Leek, 1 oz. to 300 ft.	4 lbs.	April 1st to June 1st.	90 to 100 days
Lettuce, 1 oz. to 3,000 plants.	2 lbs.	April 1st to August 1st.	60 to 90 days
Melon, Musk, 1 oz. to 50 hills.	4 lbs.	May 1st to June 1st.	80 to 100 days
Melons, Water, 1 oz. to 30 hills.	4 lbs.	May 1st to June 1st.	80 to 100 days
Mustard, 1 oz. to 100 ft.	2 lbs.	April 1st to July 1st.	60 to 80 days
Okra, 1 oz. to 100 ft.	8 lbs.	May 1st to June 1st.	80 to 90 days
Onions, 1 oz. to 200 ft.	4 lbs.	February 1st to May 1st.	90 to 120 days
Onion Seed for Sets.	80 to 100 lbs.	February 1st to May 1st.	90 to 120 days
Onion Sets, 2 lbs. 100 ft.	500 lbs.	February 1st to June 1st.	60 to 90 days
Parsnip, 1 oz. 200 ft.	5 lbs.	April 1st to June 1st.	120 to 150 days
Parsley, 1 oz. 150 ft.	3 lbs.	March 1st to June 1st.	70 to 90 days
Peas, Garden, 1 lb. 50 ft.	60 lbs.	March 1st to July 1st.	70 to 90 days
Peas, Field	40 to 60 lbs.	April 1st to June 1st.	70 to 100 days
Peppers, 1 oz. 1,500 plants.	3 ozs.	February 1st to May 1st.	120 to 150 days
Pumpkins, 1 oz. to 25 hills.	3 lbs.	May 1st to June 1st.	80 to 100 days
Potatoes	500 lbs.	April 1st to June 1st.	90 to 120 days
Radish, 1 oz. to 100 ft.	10 lbs.	March 1st to September 1st.	80 to 90 days
Salsify, 1 oz. to 50 ft.	8 lbs.	April to June	120 to 150 days
Spinach, 1 oz. to 100 ft.	10 lbs.	March to October.	60 to 90 days
Squash, 1 oz. to 25 hills.	4 lbs.	May to June 1st.	90 to 100 days
Tomatoes, 1 oz. 3,000 plants.	2 ozs.	March 1st to May 1st.	100 to 120 days
Tobacco, 1 oz. 5,000 plants.	2 lbs.	March 1st to May 1st.	100 to 120 days
Turnips, 1 oz. 150 ft.	2 lbs.	March to September	

### AVERAGE TIME REQUIRED FOR GARDEN SEED TO GERMINATE

Beans	5 to 10 days	Corn	5 to 8 days	Peas	6 to 10 days	Spinach	7 to 12 days
Beet	7 to 10 days	Cucumber	6 to 10 days	Parsnip	10 to 20 days	Salsify	7 to 12 days
Cabbage	5 to 10 days	Endive	5 to 10 days	Parsley	15 to 21 days	Tomato	6 to 12 days
Carrot	12 to 18 days	Lettuce	6 to 8 days	Pepper	9 to 14 days	Turnip	4 to 8 days
Cauliflower	5 to 10 days	Onion	7 to 10 days	Radish	3 to 6 days		

### NUMBER OF PLANTS REQUIRED TO THE ACRE

Distance Apart	No. of Plants	Distance Apart	No. of Plants	Distance Apart	No. of Plants
1 foot by 1 foot	43,560	2½ feet by 2½ feet	6,960	5 feet by 4 feet	2,178
1½ feet by 1½ feet	19,360	3 feet by 2 feet	7,600	5 feet by 5 feet	1,742
2 feet by 1 foot	21,780	3 feet by 3 feet	4,840	6 feet by 6 feet	1,210
2 feet by 2 feet	10,890	4 feet by 4 feet	2,722	8 feet by 8 feet	680

## Reference Table—Field Seeds

Quantity of Seed Required	Per Acre	Time for Seeding	Time from Seeding to Maturity
Alfalfa	10 to 20 lbs.	April to September	12 months
Barley	40 to 60 lbs.	March to June	80 to 100 days
Buckwheat	30 to 40 lbs.	March to June	70 to 90 days
Clover, Red	10 to 20 lbs.	March to June	
Clover, White Blossom	10 to 20 lbs.	March to September	
Clover, Yellow Blossom	10 to 20 lbs.	March to September	
Clover, White	5 to 10 lbs.	March to July	
Clover, Strawberry	4 to 6 lbs.	March to September	
Clover, Alsike	10 to 12 lbs.	March to July	
Corn, Field	8 to 10 lbs.	May to June 15th.	80 to 120 days
Corn, Pop	4 to 5 lbs.	May to June 15th.	80 to 120 days
Corn, Kaffir	5 to 6 lbs.	May 1st to June 15th.	60 to 100 days
Emmer, Spring	40 to 50 lbs.	April to June 1st.	90 to 120 days
Feterita	6 to 8 lbs.	May 1st to June 15th.	60 to 80 days
Flax	30 to 40 lbs.	May to July	70 to 90 days
Grass, Brome	10 to 20 lbs.	April to June	
Grass, Kentucky Blue	20 to 100 lbs.	April to September	
Grass, Orchard	20 to 30 lbs.	April to July	
Grass, Rye	10 to 20 lbs.	April to July	
Grass, Red Top	10 to 15 lbs.	April to July	
Grass, Timothy	10 to 20 lbs.	April to July	
Grass, Fescue	15 to 25 lbs.	April to July	
Grass, Sudan	10 to 30 lbs.	April to July	
Grass, Johnson	10 to 30 lbs.	April to July	
Grass, Crested Wheat	10 to 15 lbs.	March to October	
Grass, Slender Wheat	15 to 20 lbs.	March to October	
Grass, Western Wheat	15 to 20 lbs.	March to October	
Grohoma	5 to 6 lbs.	May 1st to June 15th.	60 to 100 days
Milo Maize	5 to 8 lbs.	May 1st to June 15th.	60 to 100 days
Millet	30 to 40 lbs.	May to July	60 to 80 days
Oats	40 to 70 lbs.	March to July	80 to 100 days
Peanuts	30 to 35 lbs.	May to June	60 to 90 days
Rape	5 to 7 lbs.	April to August	70 to 80 days
Sunflower	4 to 10 lbs.	May to June	80 to 90 days
Sorghum, for fodder.	50 to 75 lbs.	May 1st to July 1st.	70 to 90 days
Sorghum, for syrup	6 to 10 lbs.	May 1st to June 1st.	80 to 120 days
Rye, Spring	40 to 60 lbs.	March to June	80 to 100 days
Rye, Fall	40 to 60 lbs.	August to November	







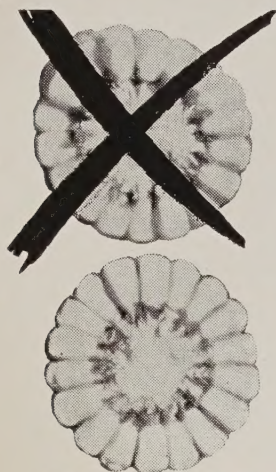
[illegible]**TOTAL**

If you have any neighbors or friends whom you think would be interested in our Catalog, if you will send us their names and addresses in the specially prepared spaces below, we will send them a copy of this Catalog and place their names on our mailing list for future issues of same.

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# Jacques Proven HYBRID SEED CORN

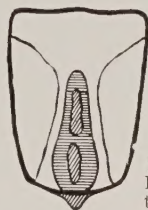


## MORE CORN ON THE COB

Not just the size of the ear, but the depth of kernel, the high shelling percentage, accounts for the bigger weighed yields of dry, shell corn.

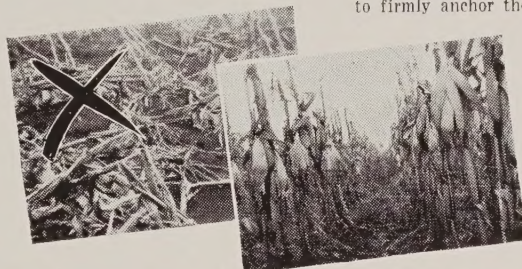
## BETTER FEED VALUE

Jacques corn makes big kernels with large fatty germs, packed with protein and surrounded by much mellow soft starch. The leaves are broad, long and thick, making better ensilage, too.



## MORE and DEEPER ROOTS

Bred into this corn is the "will" to reach deep for moisture and food, and to firmly anchor the stalk.



**BETTER STANDING STALKS**—Jacques corn is inherently resistant to the diseases that cause stalks to break and lodge and ears to fall off.

• **PROVEN**—Before selling any variety, Jacques compares it for three seasons or more in many localities against check varieties for maturity, yield of grain and forage, stability, grain quality, resistance to unfavorable weather, insects, diseases.

• **BRED IN NORTH**—Only inbred lines able to mature in cooler northern seasons survive. Hybrids produced from them dependably mature.

• **VIGOROUS**—Jacques owned first Wright drier; has more years of experience than anyone else. Laboratory-like processing avoids seed coat injury. Each lot germination tested three times in duplicate.

• **PURE**—Naturally isolated seed fields—fertile valleys surrounded by hills and trees. Detasseled daily under CONSTANT State Inspection.

• **EVENLY GRADED**—Planter plates and maximum kernel dimensions marked on tag.

## JACQUES HYBRID CORN

Because stocks are limited, please name second choice in case we are out of the grade or variety you want.

## FLAT KERNEL GRADE

Blue Tag, State Sealed and Certified, 56-lb. bushel bags, treated with Semesan, Jr.  
**PRICE: \$9.50 per bushel f.o.b. Denver.**

**JACQUES Proven Hybrid 80**—Maturing 80-85 days\*—Has tall, leafy stalks, very uniform, heavy yielding. **STRAIN 802** Earliest all-yellow dent Hybrid developed anywhere. Very stylish, very leafy, tall for its maturity. Has an excellent yield record. **STRAIN 803** is a heavy yielding flint-dent hybrid even earlier than 802. Makes an orange-yellow dent ear, and it is quite drought and aphid resistant.

**JACQUES Proven Hybrid 85**—Maturing 85-90 days\*—This hybrid has the distinction of top performance in yield tests, it has shown its splendid, dependable high yielding ability. **STRAIN 852** is very widely adapted, the ear is quite showy and has beautiful color. Outyields even later corns. **STRAIN 853** differs by one inbred from above. Grows a little taller, makes a somewhat longer ear on a longer shank. Sturdy.

**JACQUES Proven Hybrid 90**—Maturity 90-95 days\*—Dependable maturity, fast vigorous growth, strong upstanding stalks and an almost unbelievable yield record have developed a demand greater than the supply. **STRAIN 904** is a large eared strain with thick shank holding ears in heaviest winds. **STRAIN 907** is an extremely vigorous and extremely leafy hybrid, excellent for silage and a top yielder of grain, too.

**JACQUES Proven Hybrid 95**—Maturity 90-100 days\*—Farmers in 95 series get a tremendous return on their investment in high yields of sound, dry corn. **STRAIN 955**, a top yielding hybrid, makes a showy well-dented uniform ear and an attractive, sturdy stalk. **STRAIN 956** is the earliest strain of this group, tops in yield performance. Well dented kernel type, holds ears well. **STRAIN 957** introduced last year, a new development that has proven superior in test plots and farmers' fields. A strain with a promising future.

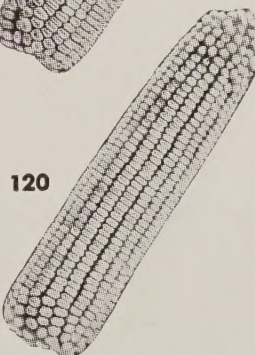
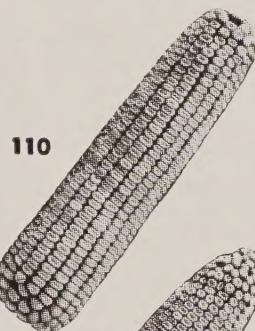
**JACQUES Proven Hybrid 100**—Maturity 100-105 days\*—Has a wide adaption and is the preferred corn of farmers over a big area on all soil types, who like the dependable early maturity, high yields, good standing quality, and excellent ear type inherently produced by these 100 series strains. **STRAIN 1001** makes a very broad kernelled well-filled ear, large and impressive in appearance. Has a record of many 90 bushel yields. **STRAIN 1103** is somewhat taller than the above, and with more compact, tapering ear type.

**JACQUES Proven Hybrid 105**—Maturity 105-110 days\*—Here is a hybrid that can be planted with great confidence. Splendid standability is one of the much appreciated characteristics, and also produces an ear type that leaves nothing to be desired—big kernels of top feeding value closely packed on a relatively small cob. **STRAIN 1050** makes a husky plant, tall, clean appearing, very leafy. Kernels are extremely wide and thick, and the ear carries a good length. **STRAIN 1051**, this tall strain has short close-packed ears.

**JACQUES Proven Hybrid 110**—Maturity 100-110 days\*—Bred out of northern varieties, Jacques 110 strains dependably mature a sound, compact ear on a leafy, upstanding stalk. **STRAIN 1104J** is very widely adapted, and is a yielder of high quality grain. **STRAIN 1109** is noteworthy for very broad leaves, rot-resistant stalks, heavy yield of both grain and forage. **STRAIN 1121** matures between 110 and 115 day corn, excellent yielder of grain and forage.

**JACQUES Proven Hybrid 115**—Maturity 105-115 days\*—Corn that makes sensational yields, and is so attractive in appearance you'll be proud to have the neighbors see it. **STRAIN 1151** produces a big, heavy shelling ear on every stalk and holds the ear through harvest. **STRAIN 1158** is especially noteworthy for it keeps kernelled ear and uniformity. **STRAIN 1159** is a showy loose husked strain.

**JACQUES Proven Hybrid 120**—Maturity 110-120 days—This is a very heavy yielding corn and makes a fine quality ear, excellent for feed or market. Extremely leafy, it is superior for ensilage, too. **STRAIN 1205** is a drought resistant, rugged hybrid, widely adapted. **STRAIN 1206** is a uniform hybrid that dries rapidly after denting and makes a beautiful ear.



\* Maturity refers to days from emergence of seedling to well-dented ear-type. It is dependent not only upon the breeding of the hybrid, but also upon soil fertility, temperature of air and soil, rainfall, latitude, and date of planting and varies from one season to another and from one locality to another. Maturities as given are average.

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**1945**

**JANUARY**

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
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**FEBRUARY**

SUN	MON	TUE	WED	THU	FRI	SAT
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**MARCH**

SUN	MON	TUE	WED	THU	FRI	SAT
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**APRIL**

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**MAY**

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**JUNE**

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**JULY**

SUN	MON	TUE	WED	THU	FRI	SAT
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29	30	31				

**AUGUST**

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
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**SEPTEMBER**

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**OCTOBER**

SUN	MON	TUE	WED	THU	FRI	SAT
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**NOVEMBER**

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**DECEMBER**

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16	17	18	19	20	21	22
23	24	25	26	27	28	29



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